

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062618\
 Data File : BF106849.D
 Acq On : 27 Jun 2018 3:48
 Operator : JU/SJ
 Sample : PB110514BSD
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110514BSD

Quant Time: Jun 27 04:42:37 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	43392	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	154308	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	68724	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	128365	20.00	ng	0.00
75) Chrysene-d12	14.15	240	120303	20.00	ng	-0.02
86) Perylene-d12	15.68	264	85765	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	221628	86.49	ng	0.00
7) Phenol-d6	6.61	99	267848	83.70	ng	0.00
23) Nitrobenzene-d5	7.52	82	247022	88.96	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	68963	86.58	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	443474	114.31	ng	0.00
78) Terphenyl-d14	13.08	244	490824	98.83	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.88	88	45550	34.575	ng	99
3) Pyridine	3.65	79	129719	36.306	ng	97
4) n-Nitrosodimethylamine	3.62	42	54304	35.785	ng	85
6) Aniline	6.62	93	47814	11.015	ng	# 25
8) 2-Chlorophenol	6.75	128	116765	41.544	ng	97
9) Benzaldehyde	6.51	77	54578	22.195	ng	96
10) Phenol	6.62	94	138720	37.984	ng	93
11) bis(2-Chloroethyl)ether	6.70	93	116897	38.772	ng	97
12) 1,3-Dichlorobenzene	6.90	146	141473	42.976	ng	97
13) 1,4-Dichlorobenzene	6.98	146	142480	42.811	ng	97
14) 1,2-Dichlorobenzene	7.13	146	131122	42.990	ng	98
15) Benzyl Alcohol	7.10	79	98454	38.315	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.23	45	162072	40.971	ng	73
17) 2-Methylphenol	7.22	107	96975	40.318	ng	# 92
18) Hexachloroethane	7.47	117	40310	34.442	ng	92
19) n-Nitroso-di-n-propylamine	7.37	70	80615	38.217	ng	93
20) 3+4-Methylphenols	7.38	107	121269	47.419	ng	96
22) Acetophenone	7.37	105	158676	45.963	ng	# 98
24) Nitrobenzene	7.55	77	121640	42.909	ng	97
25) Isophorone	7.78	82	219172	44.794	ng	98
26) 2-Nitrophenol	7.86	139	50023	37.380	ng	94
27) 2,4-Dimethylphenol	7.90	122	100084	48.386	ng	99
28) bis(2-Chloroethoxy)methane	7.98	93	142183	43.280	ng	99
29) 2,4-Dichlorophenol	8.11	162	95910	44.289	ng	93
30) 1,2,4-Trichlorobenzene	8.18	180	114311	47.917	ng	98
31) Naphthalene	8.27	128	326081	45.199	ng	100
32) Benzoic acid	7.98	122	7834	10.316	ng	98
33) 4-Chloroaniline	8.31	127	20861	6.891	ng	98
34) Hexachlorobutadiene	8.37	225	76581	49.266	ng	100
35) Caprolactam	8.69	113	23678	33.543	ng	89
36) 4-Chloro-3-methylphenol	8.81	107	92528	40.594	ng	93
37) 2-Methylnaphthalene	8.95	142	229463	47.986	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	118142	51.046	ng	# 95
40) Hexachlorocyclopentadiene	9.10	237	8882	7.459	ng	96

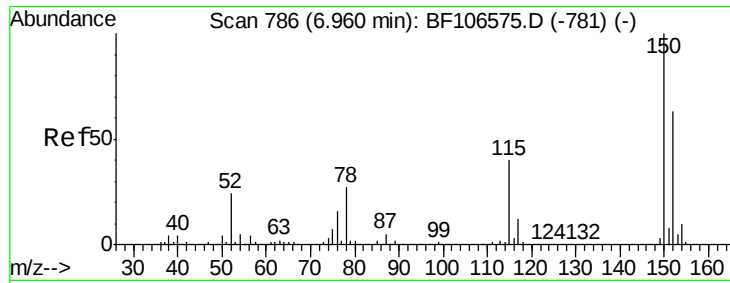
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062618\
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 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	62066	40.344	ng	90
43) 2,4,5-Trichlorophenol	9.29	196	64424	40.132	ng	# 86
45) 1,1'-Biphenyl	9.42	154	266845	48.721	ng	97
46) 2-Chloronaphthalene	9.45	162	190947	44.291	ng	95
47) 2-Nitroaniline	9.55	65	56235	38.790	ng	99
48) Acenaphthylene	9.87	152	292814	43.020	ng	99
49) Dimethylphthalate	9.71	163	233182	45.240	ng	99
50) 2,6-Dinitrotoluene	9.78	165	48251	44.208	ng	89
51) Acenaphthene	10.04	154	175914	41.043	ng	98
52) 3-Nitroaniline	9.95	138	29485	23.476	ng	96
53) 2,4-Dinitrophenol	10.07	184	5218	13.933	ng	# 19
54) Dibenzofuran	10.21	168	270210	46.040	ng	95
55) 4-Nitrophenol	10.14	139	46063	52.542	ng	98
56) 2,4-Dinitrotoluene	10.19	165	59126	41.502	ng	90
57) Fluorene	10.55	166	204509	43.912	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	51076	40.026	ng	# 79
59) Diethylphthalate	10.41	149	210221	42.257	ng	# 92
60) 4-Chlorophenyl-phenylether	10.54	204	108636	44.582	ng	# 87
61) 4-Nitroaniline	10.58	138	49947	40.070	ng	88
62) Azobenzene	10.70	77	186556	38.080	ng	90
64) 4,6-Dinitro-2-methylphenol	10.60	198	7026	8.855	ng	74
65) n-Nitrosodiphenylamine	10.66	169	176771	40.942	ng	99
66) 4-Bromophenyl-phenylether	11.03	248	70589	46.077	ng	# 78
67) Hexachlorobenzene	11.10	284	73748	45.994	ng	# 81
68) Atrazine	11.18	200	61251	44.625	ng	94
69) Pentachlorophenol	11.30	266	32371	40.462	ng	100
70) Phenanthrene	11.52	178	288277	46.562	ng	99
71) Anthracene	11.57	178	301955	47.781	ng	100
72) Carbazole	11.73	167	268196	45.329	ng	98
73) Di-n-butylphthalate	12.04	149	308380	44.242	ng	99
74) Fluoranthene	12.71	202	335739	49.199	ng	94
76) Benzidine	12.83	184	113398	33.097	ng	97
77) Pyrene	12.94	202	340631	42.938	ng	99
79) Butylbenzylphthalate	13.54	149	134084	41.108	ng	# 97
80) Benzo(a)anthracene	14.14	228	329031	44.875	ng	99
81) 3,3'-Dichlorobenzidine	14.09	252	82141	31.875	ng	# 97
82) Chrysene	14.17	228	308903	45.794	ng	99
83) Bis(2-ethylhexyl)phthalate	14.09	149	181667	43.565	ng	# 96
84) Di-n-octyl phthalate	14.72	149	322517	47.448	ng	96
85) Indeno(1,2,3-cd)pyrene	17.25	276	216711	37.857	ng	# 89
87) Benzo(b)fluoranthene	15.22	252	260298	48.858	ng	# 97
88) Benzo(k)fluoranthene	15.25	252	242536	47.804	ng	# 95
89) Benzo(a)pyrene	15.61	252	223936	47.282	ng	# 96
90) Dibenzo(a,h)anthracene	17.27	278	181195	45.142	ng	# 93
91) Benzo(g,h,i)perylene	17.73	276	178470	45.491	ng	# 90

(#) = qualifier out of range (m) = manual integration (+) = signals summed

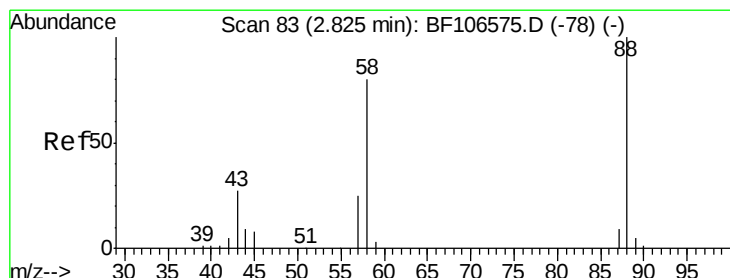
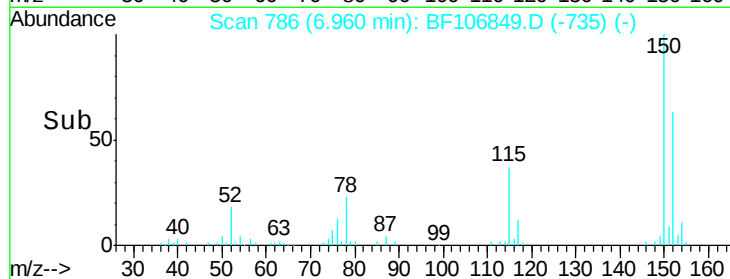
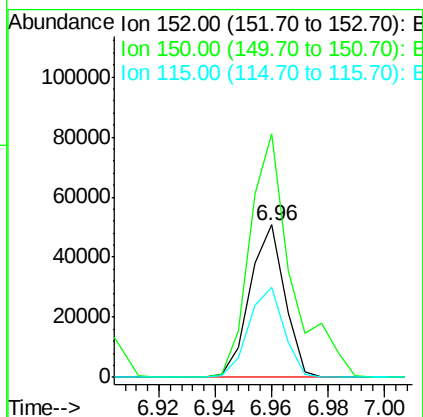
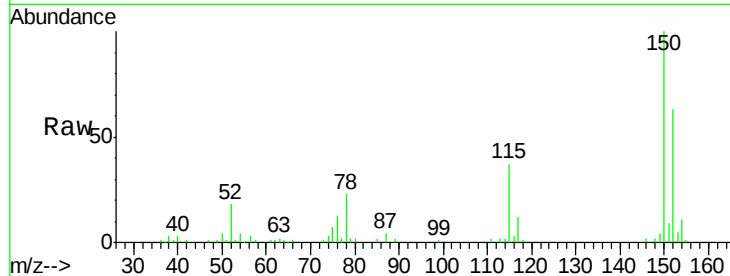


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF106849.D
Acq: 27 Jun 2018 3:48

Instrument :
BNA_F
ClientSampleId :
PB110514BSD

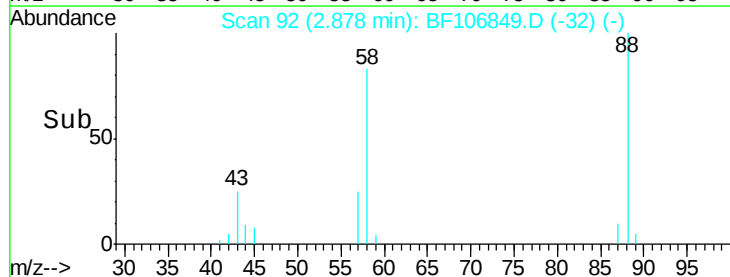
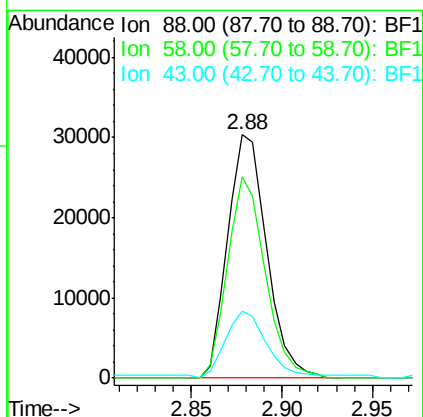
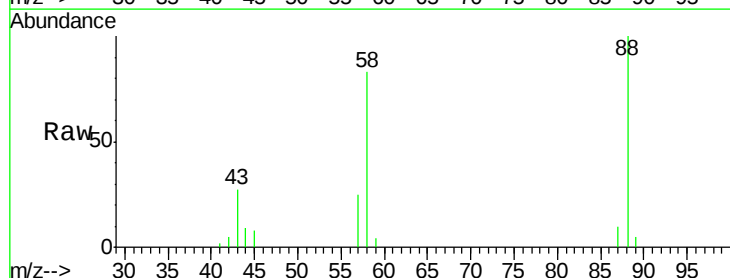
Tgt Ion: 152 Resp: 43392
Ion Ratio Lower Upper
152 100
150 159.7 124.6 186.8
115 58.9 50.1 75.1

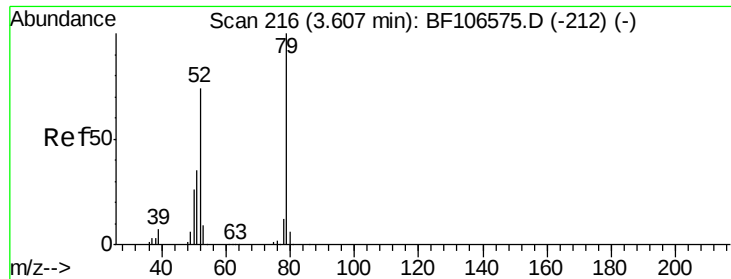


#2

1,4-Dioxane
Concen: 34.575 ng
RT: 2.88 min Scan# 92
Delta R.T. 0.05 min
Lab File: BF106849.D
Acq: 27 Jun 2018 3:48

Tgt Ion: 88 Resp: 45550
Ion Ratio Lower Upper
88 100
58 79.6 62.6 93.8
43 30.4 24.6 37.0





#3

Pyridine

Concen: 36.306 ng

RT: 3.65 min Scan# 223

Delta R.T. 0.04 min

Lab File: BF106849.D

Acq: 27 Jun 2018 3:48

Instrument :

BNA_F

ClientSampleId :

PB110514BSD

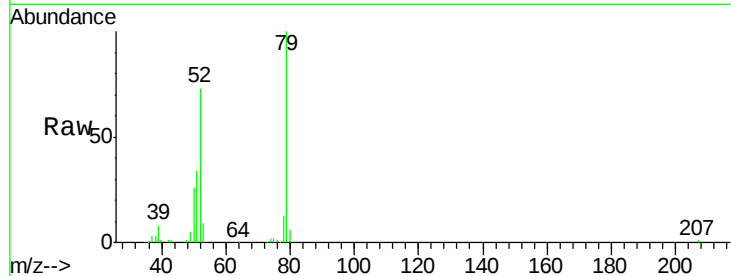
Tgt Ion: 79 Resp: 129719

Ion Ratio Lower Upper

79 100

52 73.5 59.8 89.6

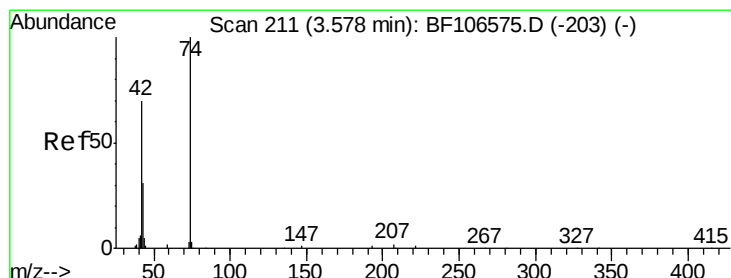
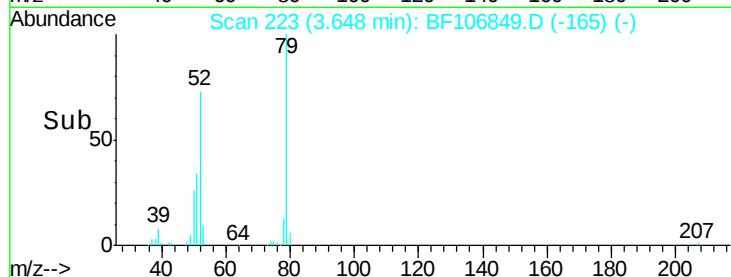
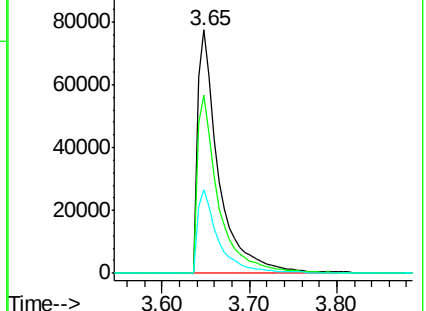
51 34.4 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 35.785 ng

RT: 3.62 min Scan# 218

Delta R.T. 0.03 min

Lab File: BF106849.D

Acq: 27 Jun 2018 3:48

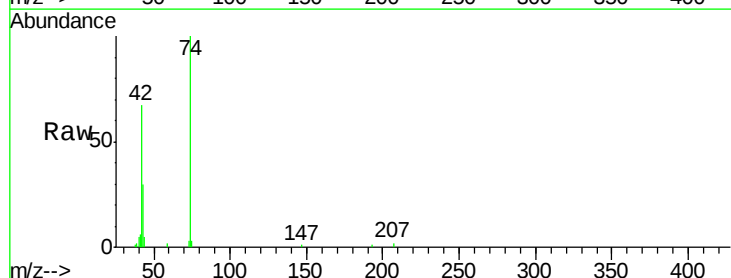
Tgt Ion: 42 Resp: 54304

Ion Ratio Lower Upper

42 100

74 149.0 104.9 157.3

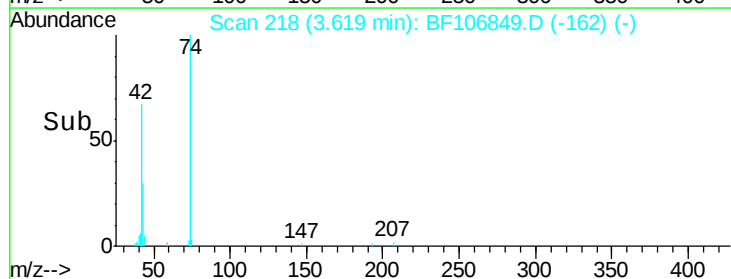
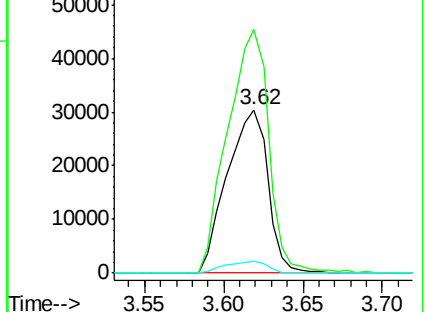
44 7.4 6.9 10.3

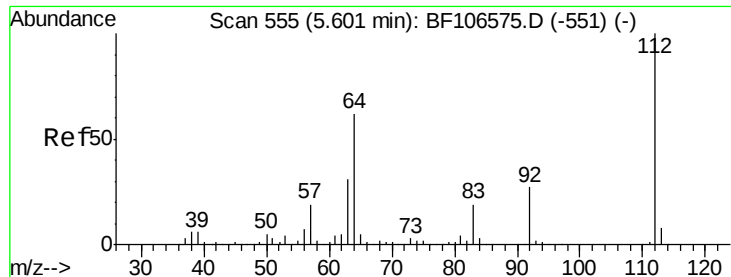


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 86.488 ng

RT: 5.61 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF106849.D

Acq: 27 Jun 2018 3:48

Instrument :

BNA_F

ClientSampleId :

PB110514BSD

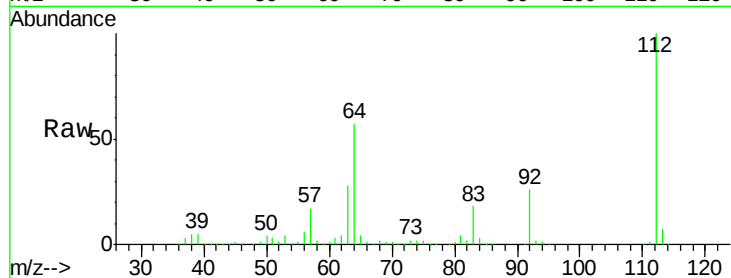
Tgt Ion: 112 Resp: 221628

Ion Ratio Lower Upper

112 100

64 57.1 47.9 71.9

63 27.8 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

300000

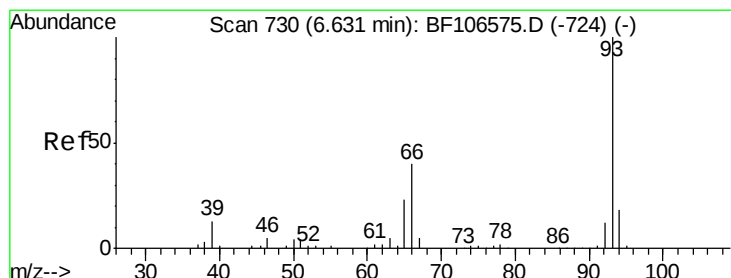
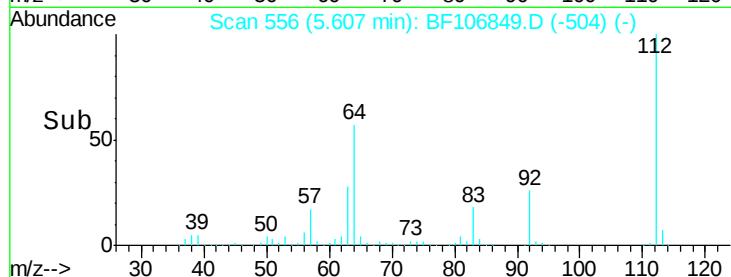
200000

100000

0

5.55 5.60 5.65 5.70

Time-->



#6

Aniline

Concen: 11.015 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF106849.D

Acq: 27 Jun 2018 3:48

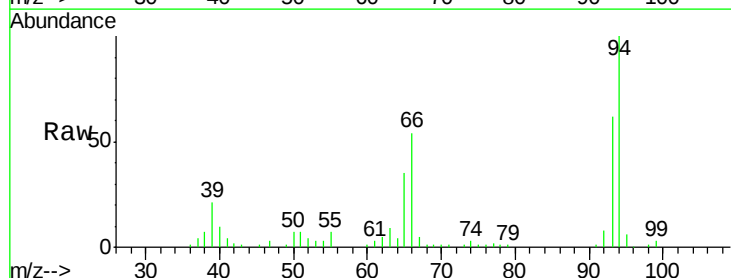
Tgt Ion: 93 Resp: 47814

Ion Ratio Lower Upper

93 100

66 86.4 32.2 48.2#

65 55.8 16.4 24.6#



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

150000

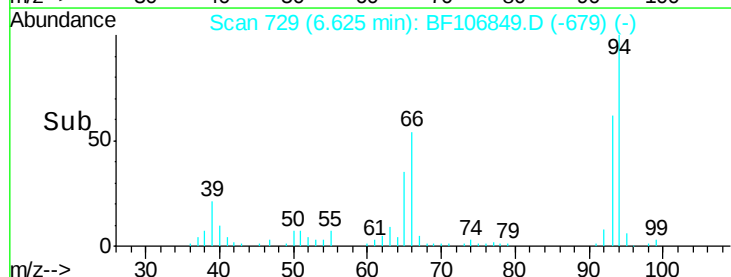
100000

50000

0

6.60 6.65

Time-->





#7

Phenol-d6

Concen: 83.699 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF106849.D

Acq: 27 Jun 2018 3:48

Instrument :

BNA_F

ClientSampleId :

PB110514BSD

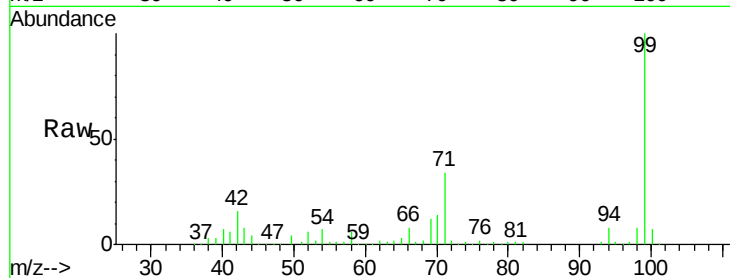
Tgt Ion: 99 Resp: 267848

Ion Ratio Lower Upper

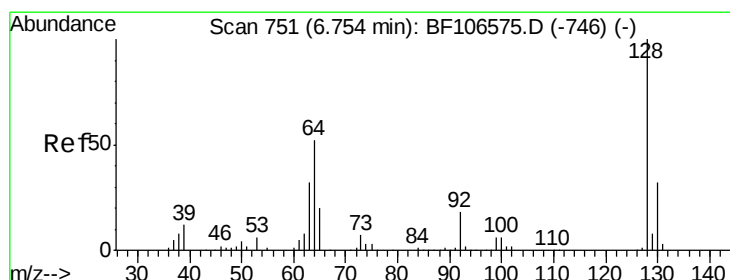
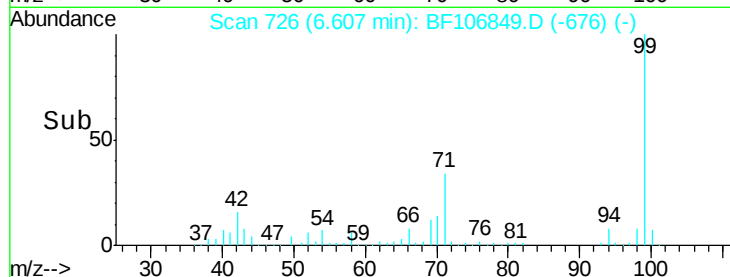
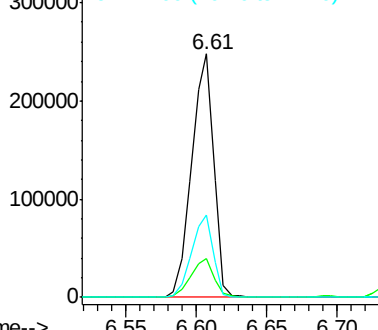
99 100

42 16.0 14.5 21.7

71 33.7 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.544 ng

RT: 6.75 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF106849.D

Acq: 27 Jun 2018 3:48

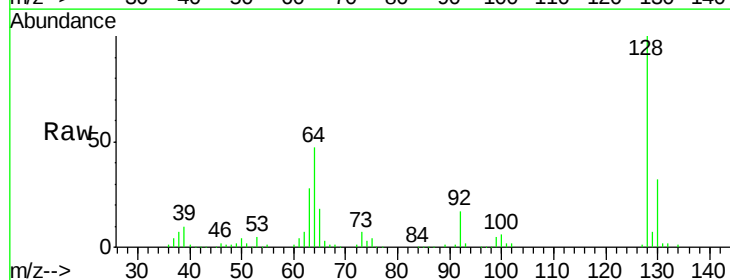
Tgt Ion: 128 Resp: 116765

Ion Ratio Lower Upper

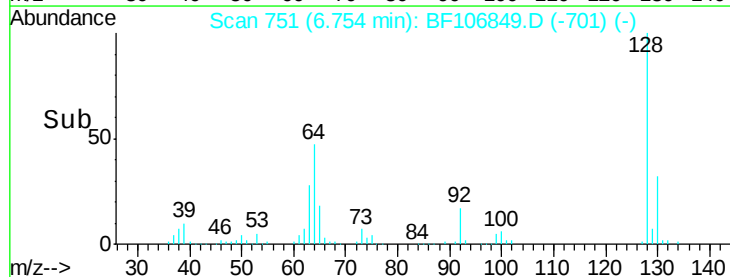
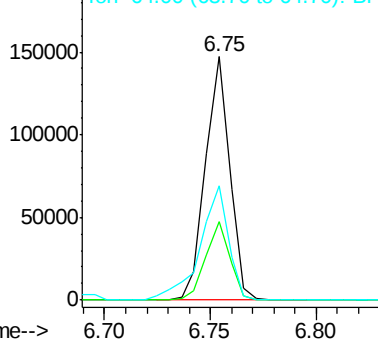
128 100

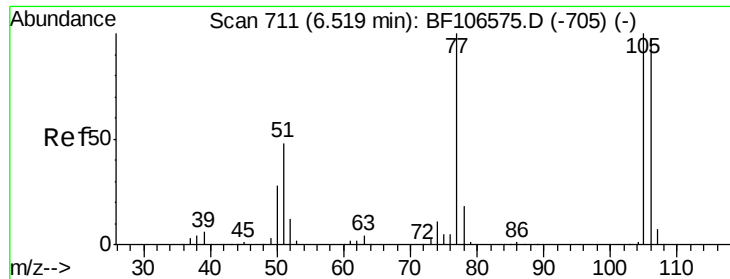
130 32.4 13.0 53.0

64 47.0 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 22.195 ng

RT: 6.51 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF106849.D

Acq: 27 Jun 2018 3:48

Instrument :

BNA_F

ClientSampleId :

PB110514BSD

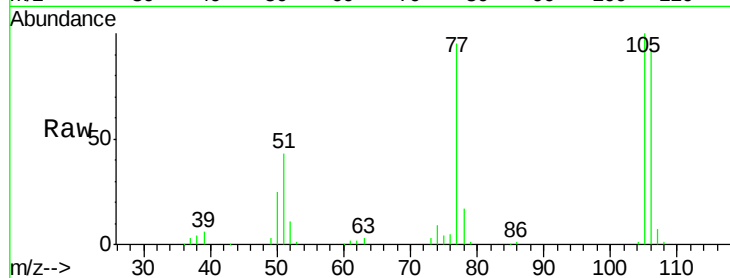
Tgt Ion: 77 Resp: 54578

Ion Ratio Lower Upper

77 100

105 105.5 81.1 121.1

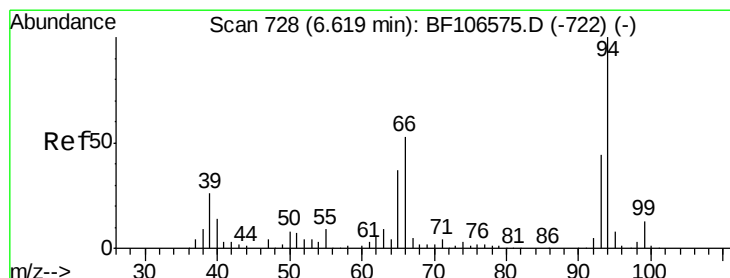
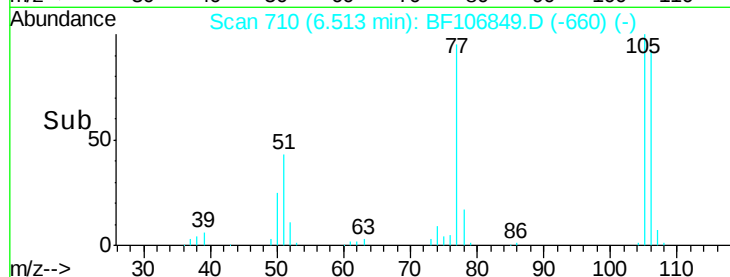
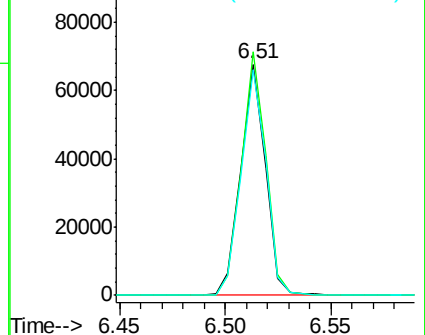
106 97.8 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 37.984 ng

RT: 6.62 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF106849.D

Acq: 27 Jun 2018 3:48

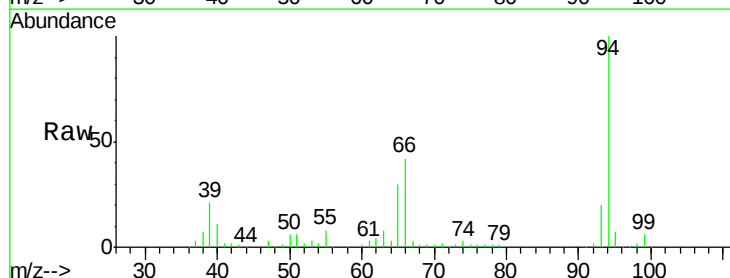
Tgt Ion: 94 Resp: 138720

Ion Ratio Lower Upper

94 100

65 30.2 7.9 47.9

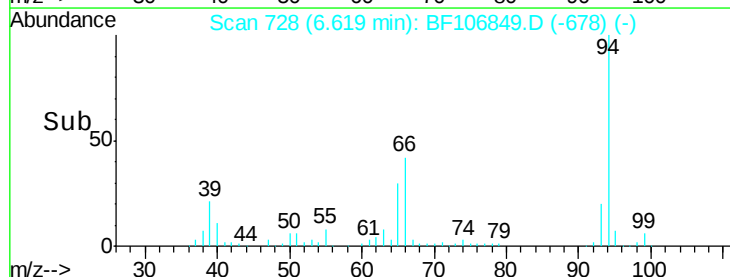
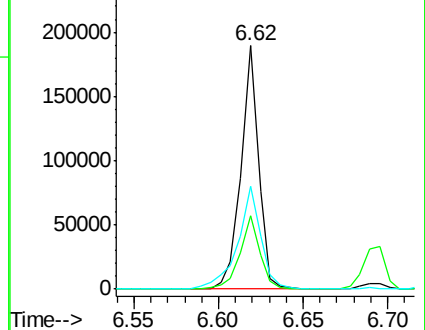
66 42.1 16.2 56.2

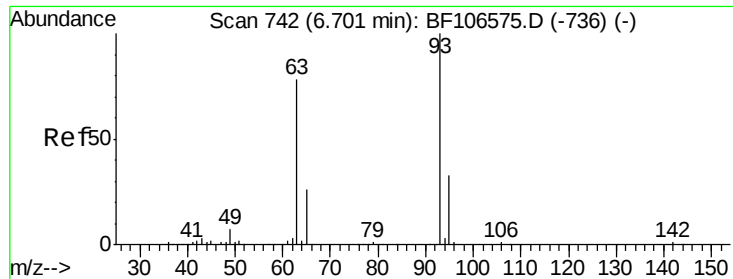


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

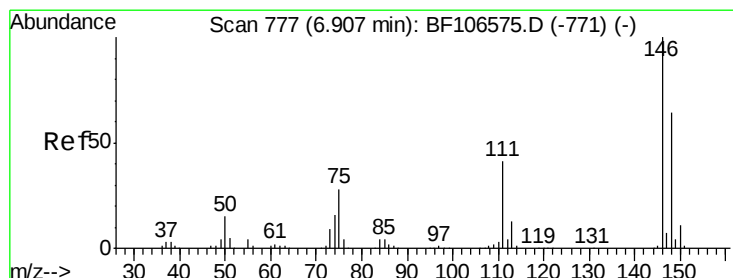
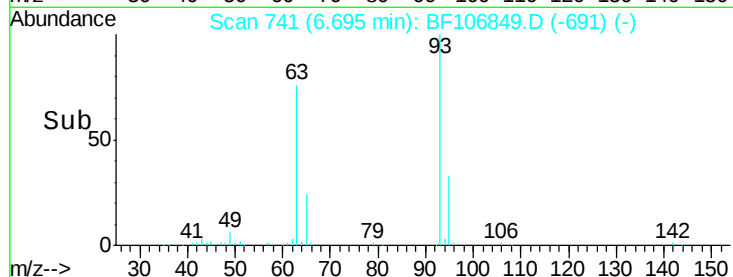
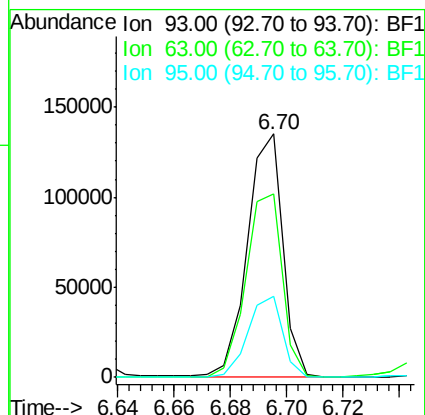
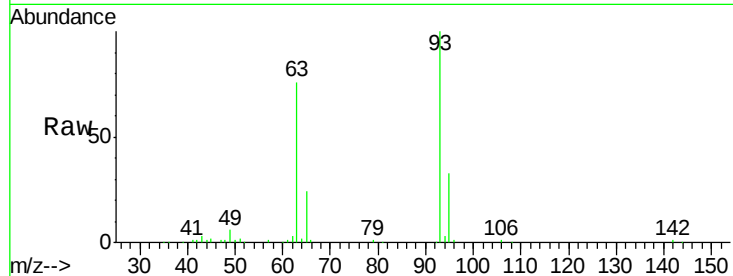




#11
bis(2-Chloroethyl)ether
Concen: 38.772 ng
RT: 6.70 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF106849.D
Acq: 27 Jun 2018 3:48

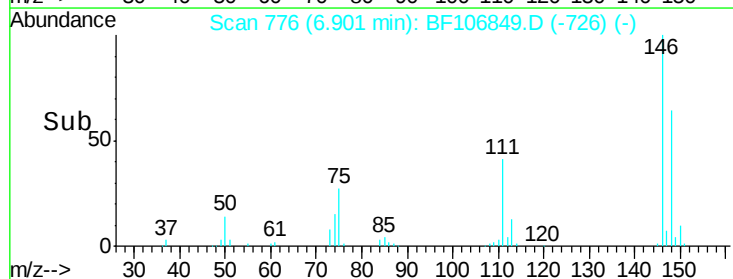
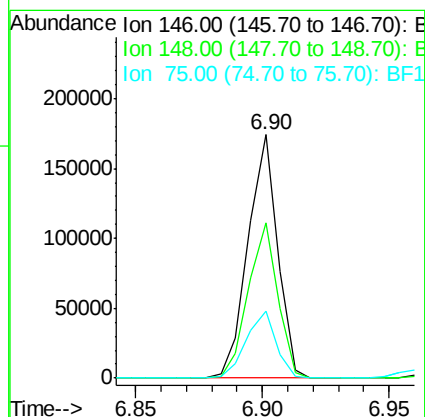
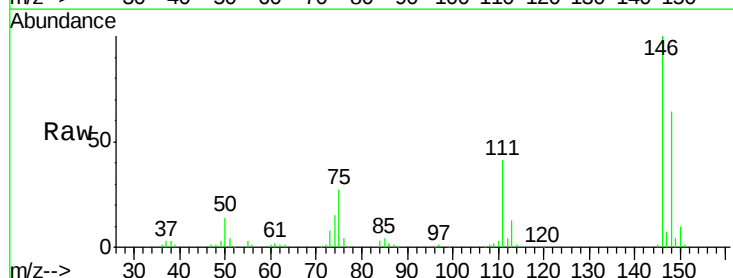
Instrument :
BNA_F
ClientSampleId :
PB110514BSD

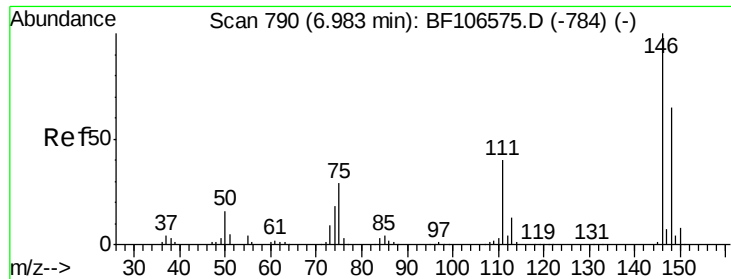
Tgt Ion: 93 Resp: 116897
Ion Ratio Lower Upper
93 100
63 75.6 58.6 98.6
95 33.1 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 42.976 ng
RT: 6.90 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF106849.D
Acq: 27 Jun 2018 3:48

Tgt Ion: 146 Resp: 141473
Ion Ratio Lower Upper
146 100
148 63.9 51.8 77.8
75 27.3 24.2 36.4

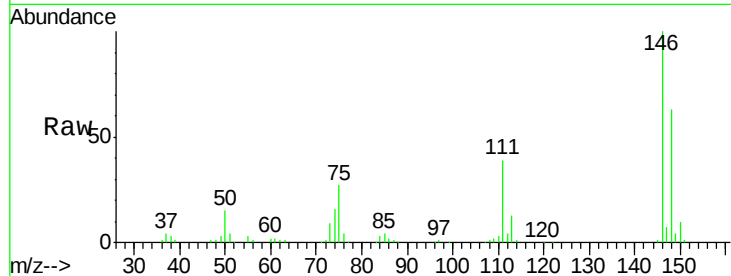




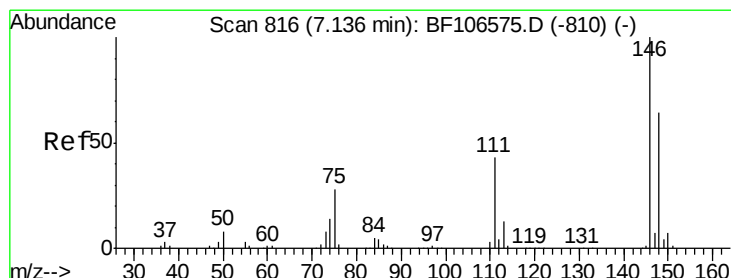
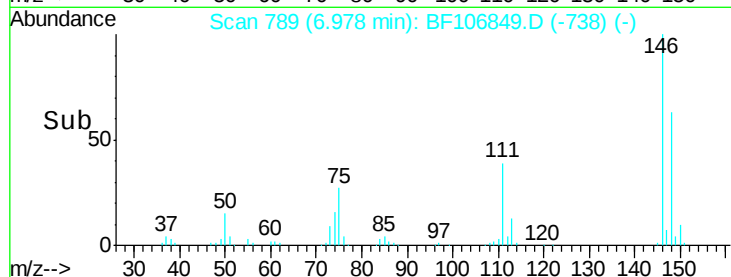
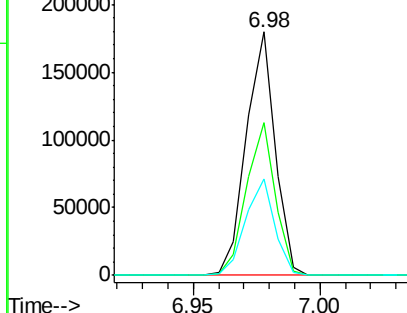
#13
 1,4-Dichlorobenzene
 Concen: 42.811 ng
 RT: 6.98 min Scan# 789
 Delta R.T. -0.00 min
 Lab File: BF106849.D
 Acq: 27 Jun 2018 3:48

Instrument :
 BNA_F
 ClientSampleId :
 PB110514BSD

Tgt Ion:146 Resp: 142480
 Ion Ratio Lower Upper
 146 100
 148 62.9 50.8 76.2
 111 39.4 34.2 51.2

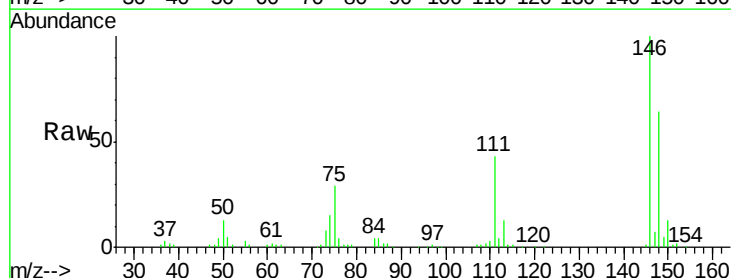


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

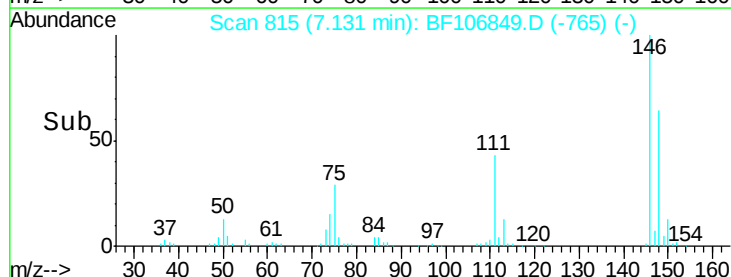
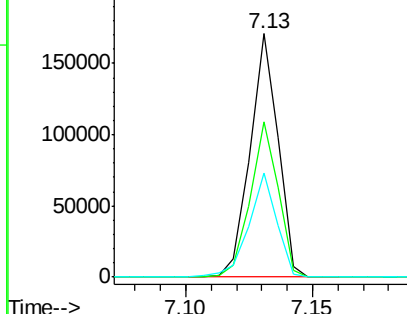


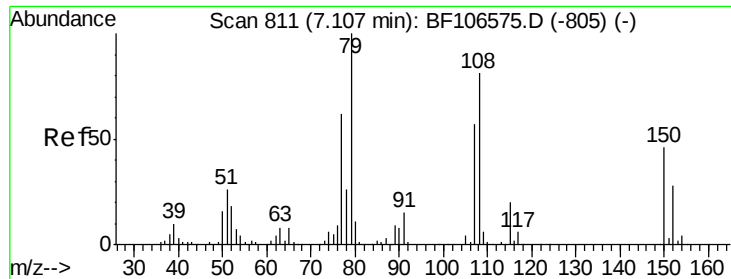
#14
 1,2-Dichlorobenzene
 Concen: 42.990 ng
 RT: 7.13 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF106849.D
 Acq: 27 Jun 2018 3:48

Tgt Ion:146 Resp: 131122
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.6 75.8
 111 42.5 36.0 54.0



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.315 ng

RT: 7.10 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF106849.D

Acq: 27 Jun 2018 3:48

Instrument :

BNA_F

ClientSampleId :

PB110514BSD

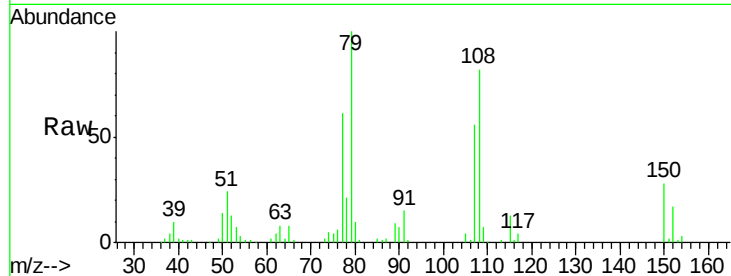
Tgt Ion: 79 Resp: 98454

Ion Ratio Lower Upper

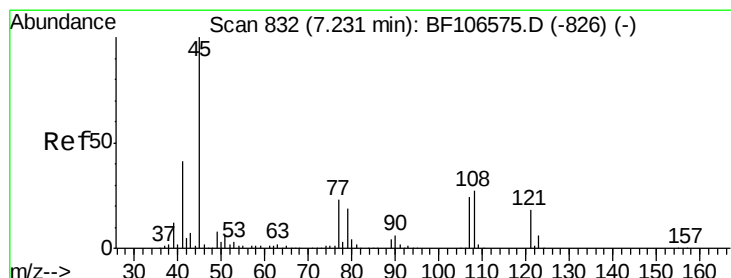
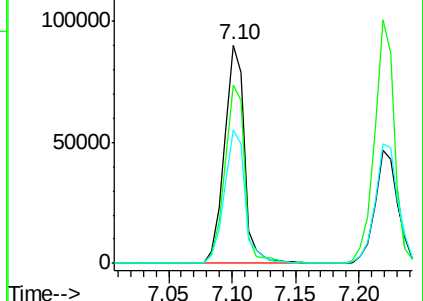
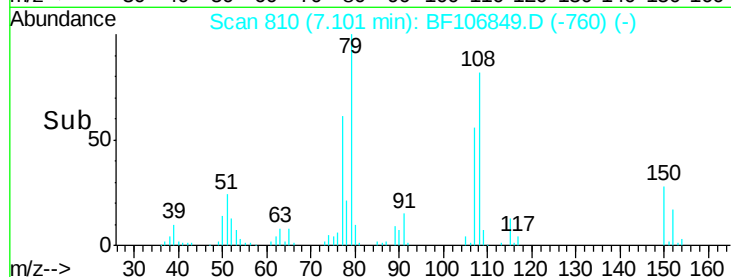
79 100

108 81.5 65.1 97.7

77 61.4 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.971 ng

RT: 7.23 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF106849.D

Acq: 27 Jun 2018 3:48

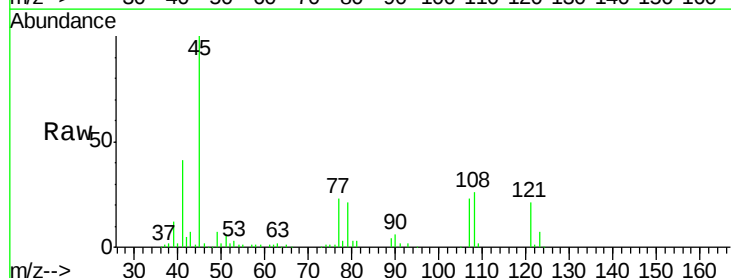
Tgt Ion: 45 Resp: 162072

Ion Ratio Lower Upper

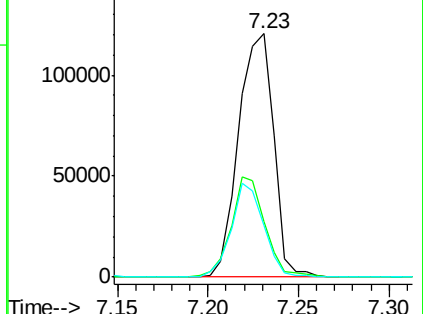
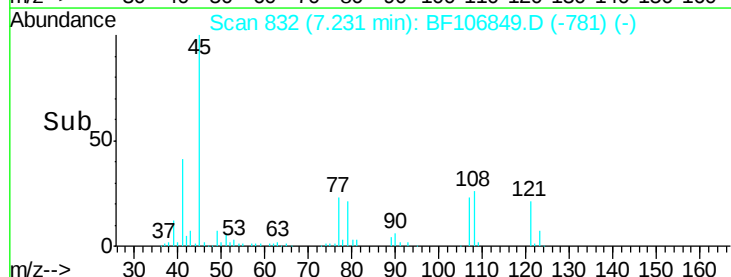
45 100

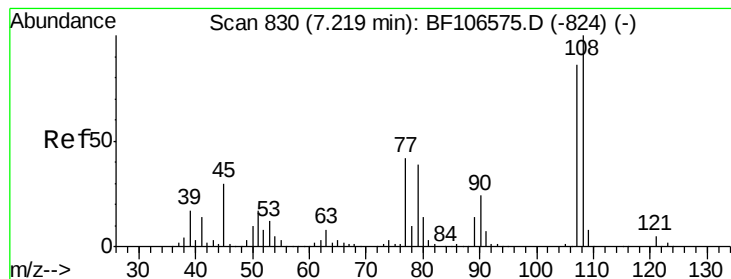
77 22.7 0.0 32.9

79 21.0 0.0 29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 40.318 ng

RT: 7.22 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF106849.D

Acq: 27 Jun 2018 3:48

Instrument :

BNA_F

ClientSampleId :

PB110514BSD

Tgt Ion:107 Resp: 96975

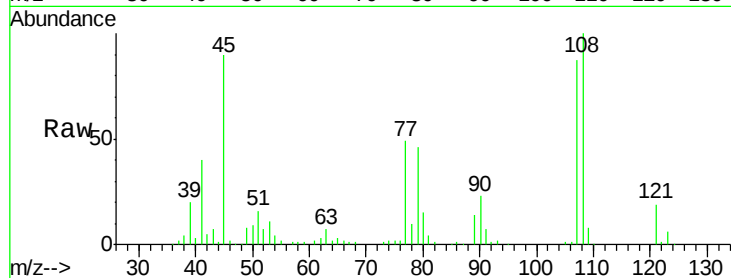
Ion Ratio Lower Upper

107 100

108 114.7 91.7 137.5

77 56.5 33.8 50.8#

79 53.2 33.8 50.8#



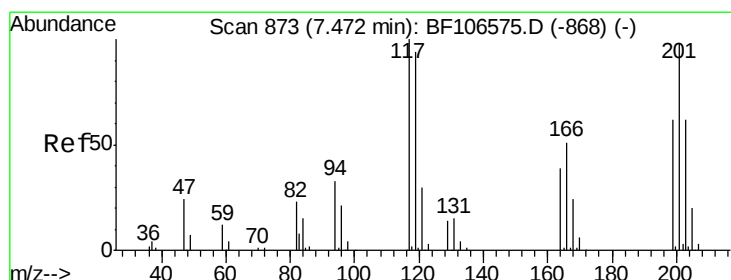
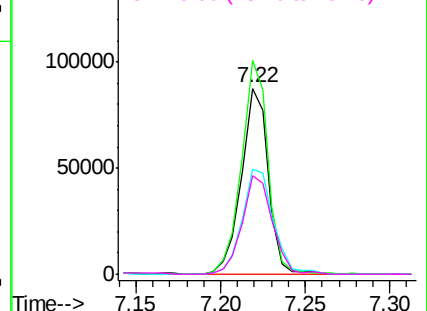
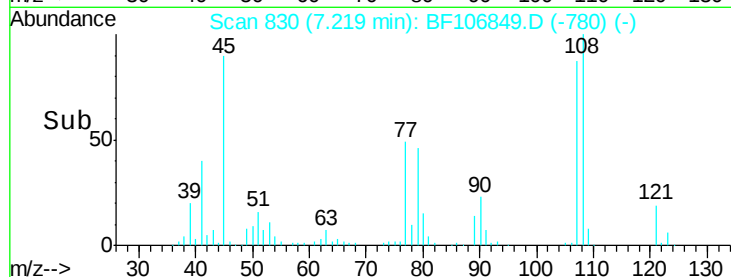
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 34.442 ng

RT: 7.47 min Scan# 872

Delta R.T. -0.01 min

Lab File: BF106849.D

Acq: 27 Jun 2018 3:48

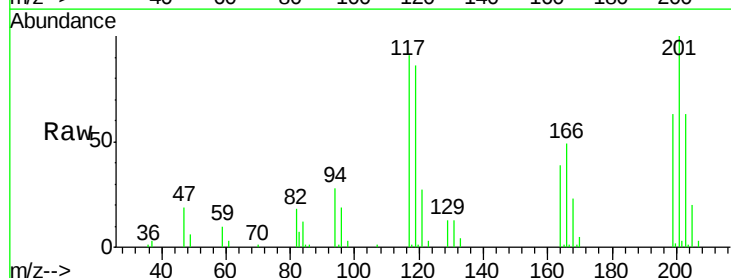
Tgt Ion:117 Resp: 40310

Ion Ratio Lower Upper

117 100

119 94.3 75.8 113.8

201 110.0 75.7 113.5

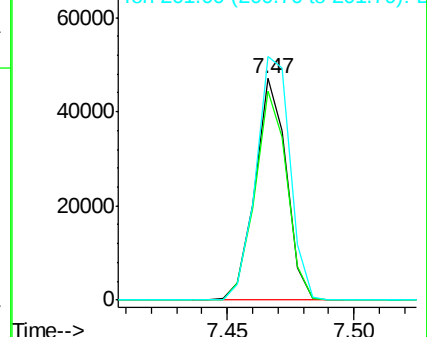
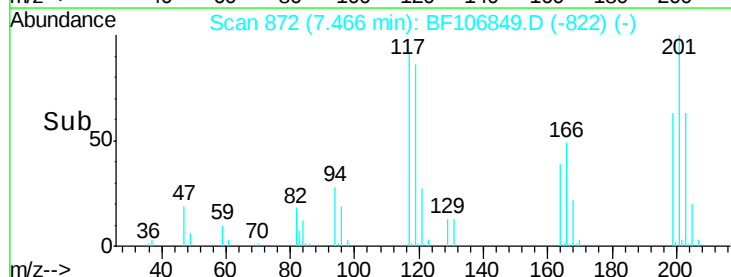


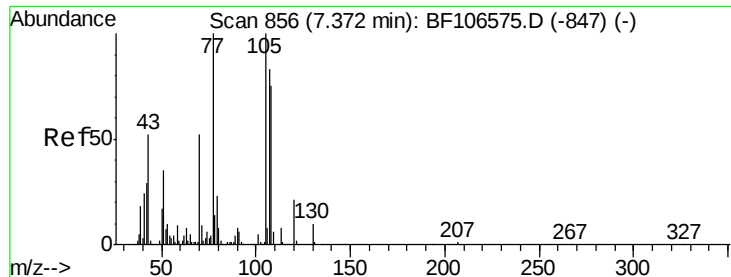
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

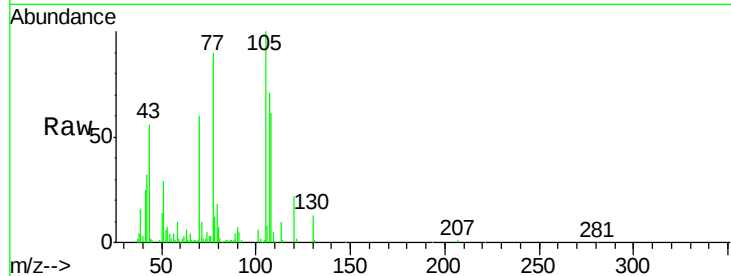




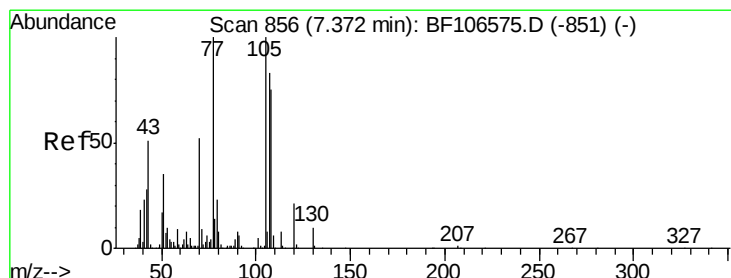
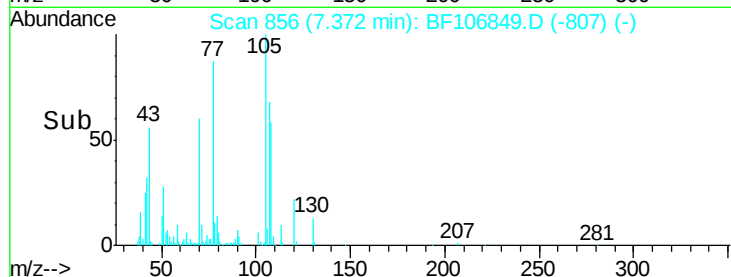
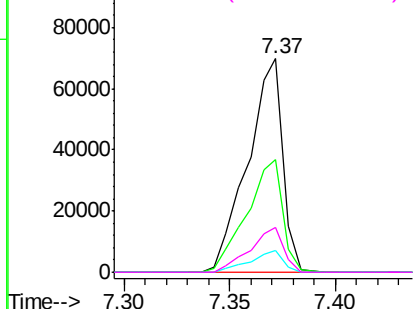
#19
n-Nitroso-di-n-propylamine
Concen: 38.217 ng
RT: 7.37 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF106849.D
Acq: 27 Jun 2018 3:48

Instrument :
BNA_F
ClientSampleId :
PB110514BSD

Tgt Ion: 70 Resp: 80615
Ion Ratio Lower Upper
70 100
42 52.6 47.5 71.3
101 10.3 7.4 11.2
130 21.3 16.6 25.0

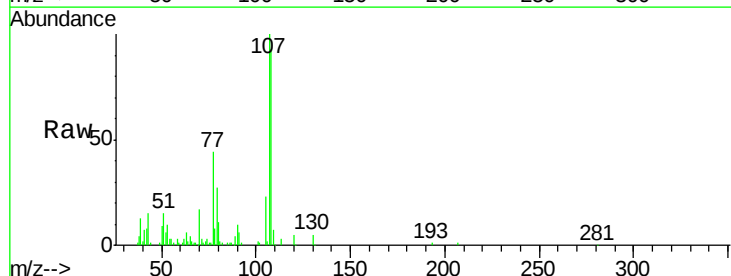


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

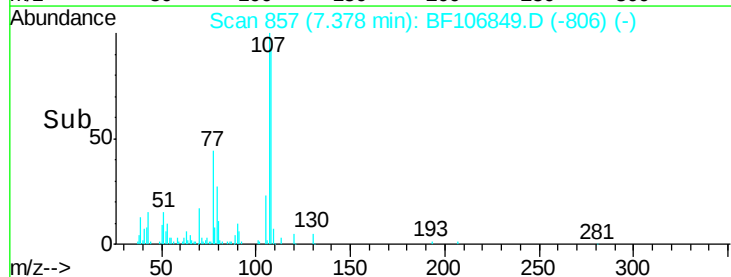
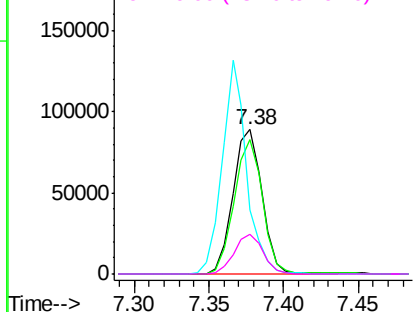


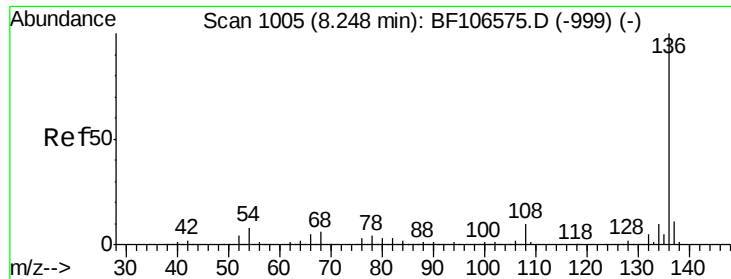
#20
3+4-Methylphenols
Concen: 47.419 ng
RT: 7.38 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF106849.D
Acq: 27 Jun 2018 3:48

Tgt Ion: 107 Resp: 121269
Ion Ratio Lower Upper
107 100
108 93.0 68.2 108.2
77 44.1 26.7 66.7
79 27.3 6.3 46.3



Abundance Ion 107.00 (106.70 to 107.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

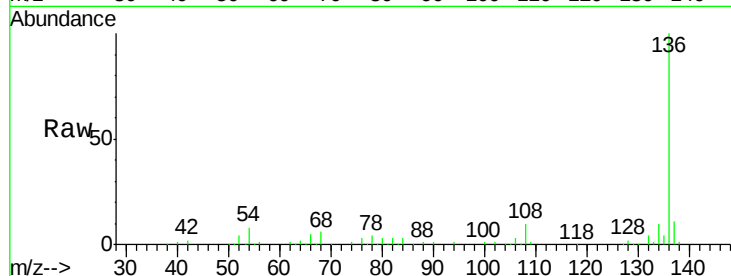




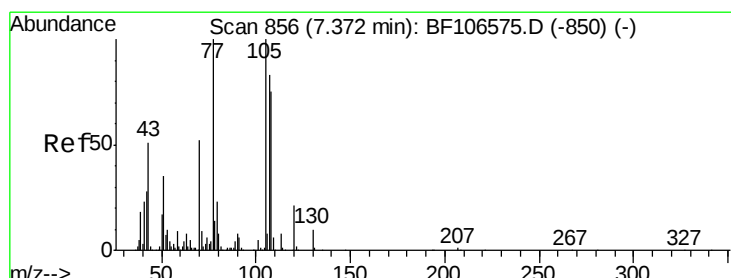
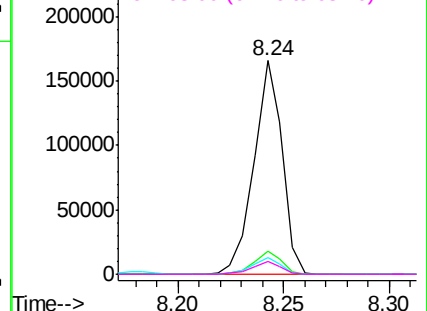
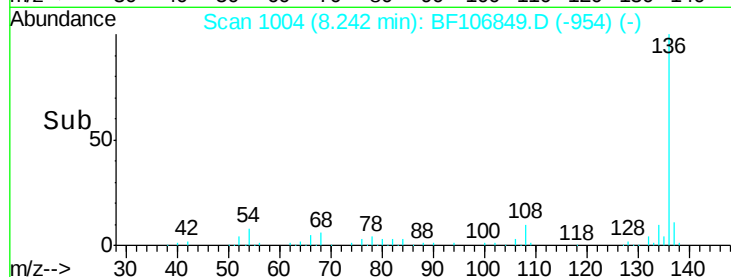
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106849.D
Acq: 27 Jun 2018 3:48

Instrument :
BNA_F
ClientSampleId :
PB110514BSD

Tgt Ion:	136	Resp:	154308
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.8	6.6	9.8
68	6.1	5.0	7.4

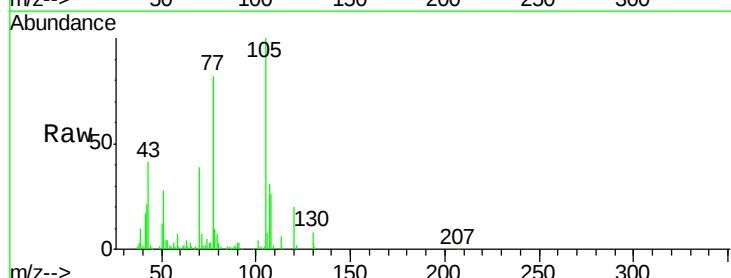


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

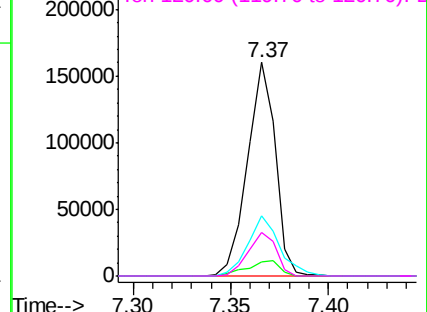
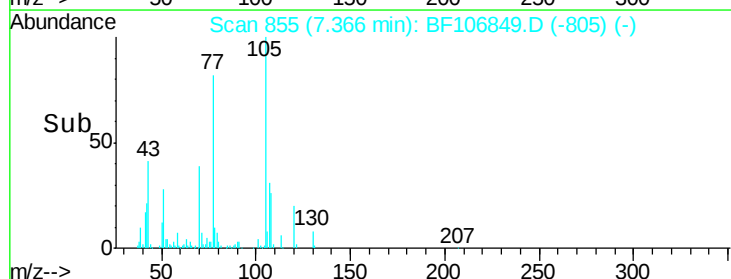


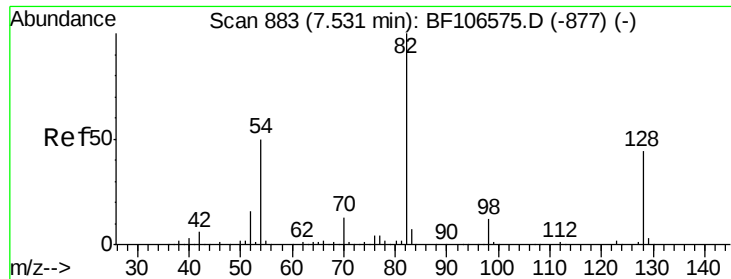
#22
Acetophenone
Concen: 45.963 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF106849.D
Acq: 27 Jun 2018 3:48

Tgt Ion:	105	Resp:	158676
Ion	Ratio	Lower	Upper
105	100		
71	6.7	4.4	6.6#
51	28.3	22.3	33.5
120	20.2	16.9	25.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

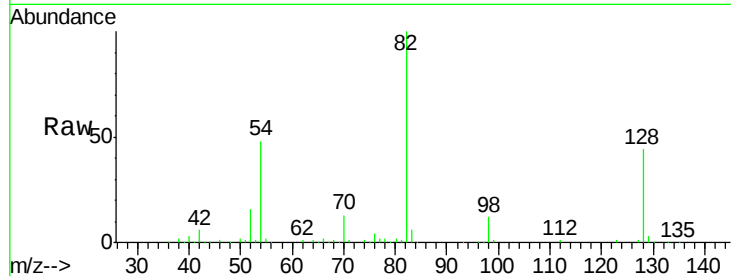




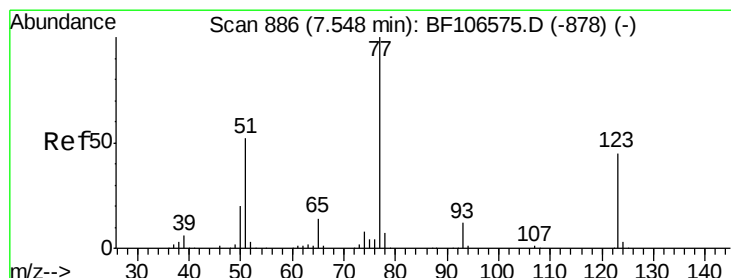
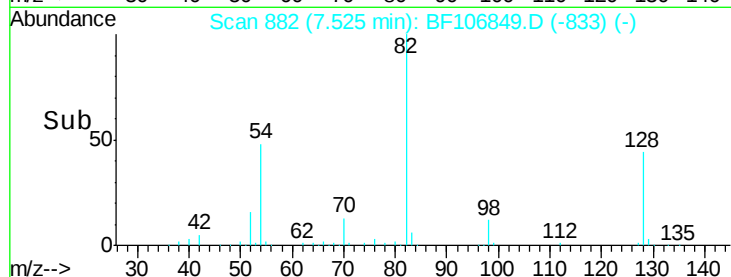
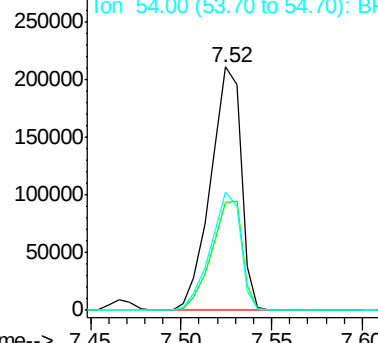
#23
Nitrobenzene-d5
Concen: 88.964 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106849.D
Acq: 27 Jun 2018 3:48

Instrument :
BNA_F
ClientSampleId :
PB110514BSD

Tgt Ion: 82 Resp: 247022
Ion Ratio Lower Upper
82 100
128 44.2 36.1 54.1
54 48.3 41.4 62.2

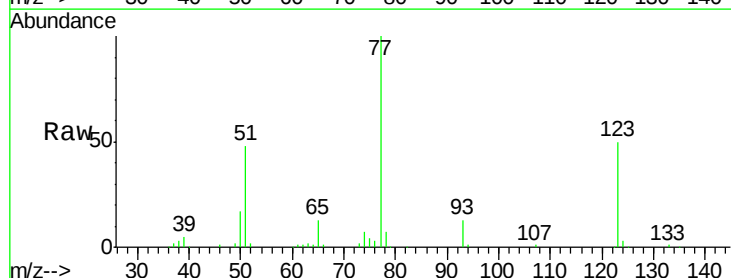


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF1

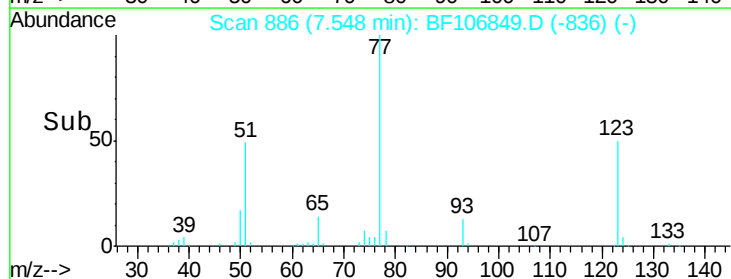
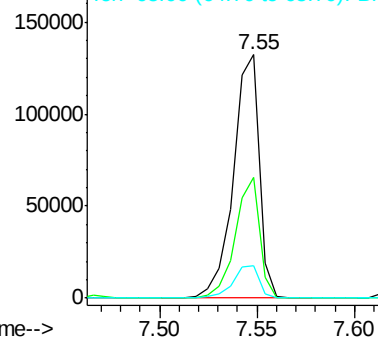


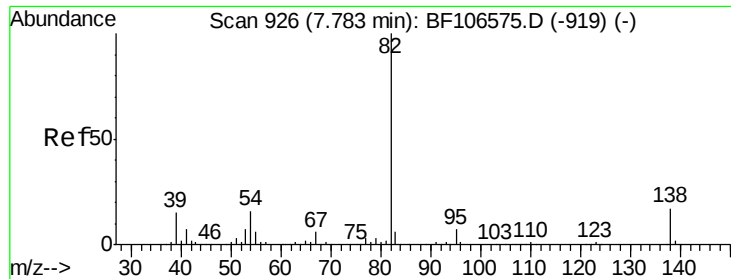
#24
Nitrobenzene
Concen: 42.909 ng
RT: 7.55 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF106849.D
Acq: 27 Jun 2018 3:48

Tgt Ion: 77 Resp: 121640
Ion Ratio Lower Upper
77 100
123 49.6 37.9 56.9
65 13.4 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 44.794 ng

RT: 7.78 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF106849.D

Acq: 27 Jun 2018 3:48

Instrument :

BNA_F

ClientSampleId :

PB110514BSD

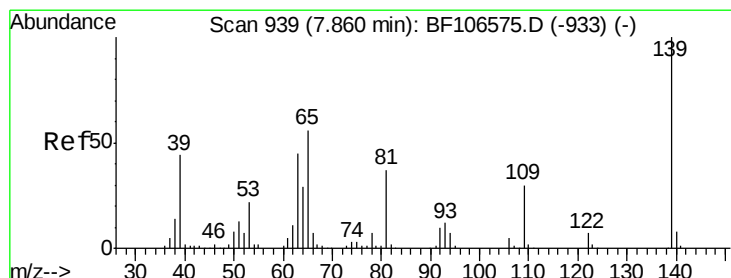
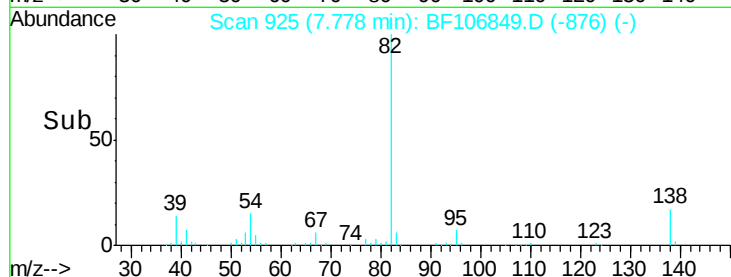
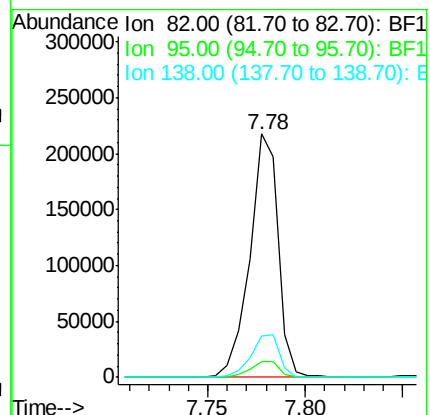
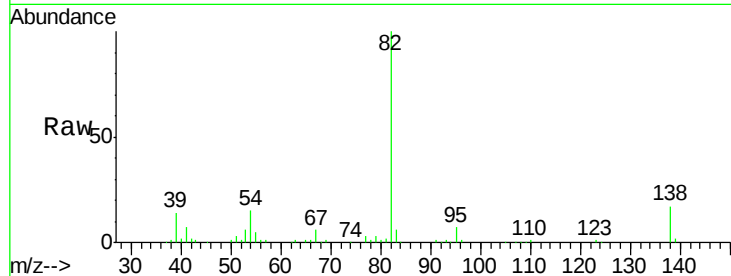
Tgt Ion: 82 Resp: 219172

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

138 17.2 14.9 22.3



#26

2-Nitrophenol

Concen: 37.380 ng

RT: 7.86 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF106849.D

Acq: 27 Jun 2018 3:48

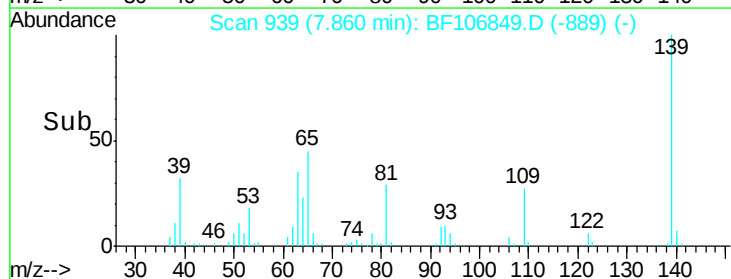
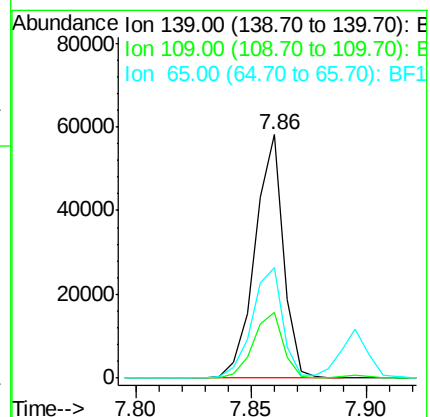
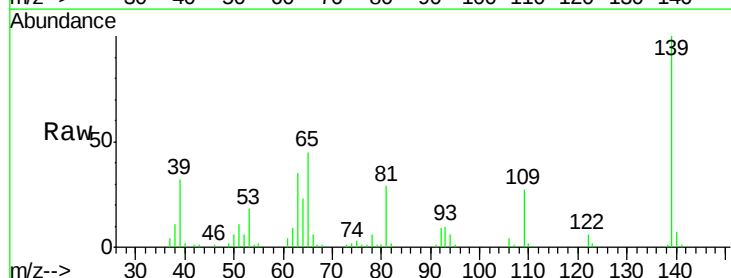
Tgt Ion: 139 Resp: 50023

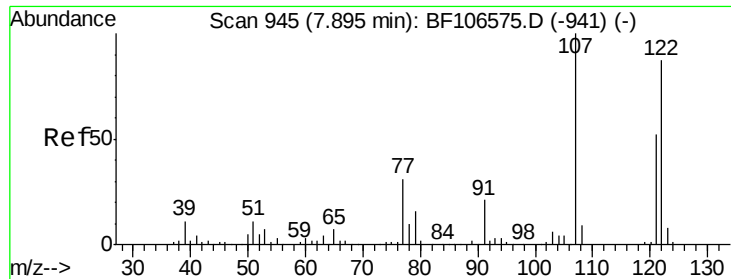
Ion Ratio Lower Upper

139 100

109 26.7 22.7 34.1

65 45.2 40.5 60.7

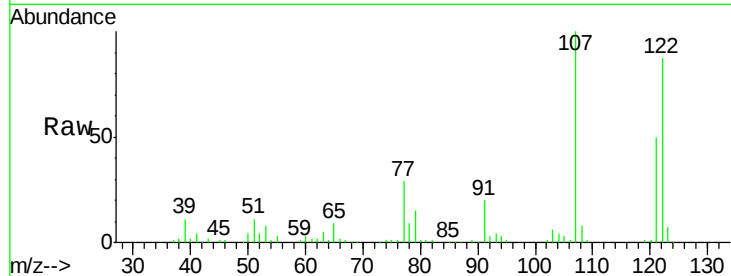




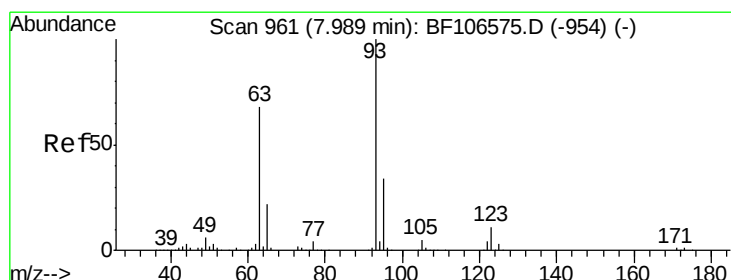
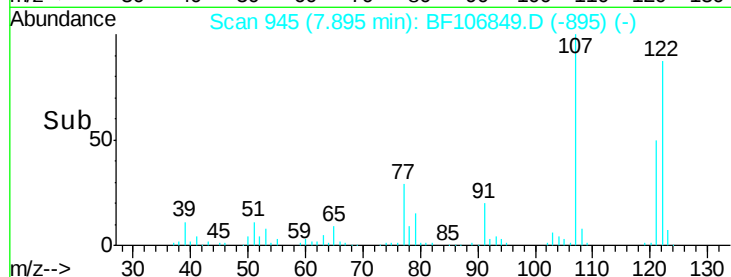
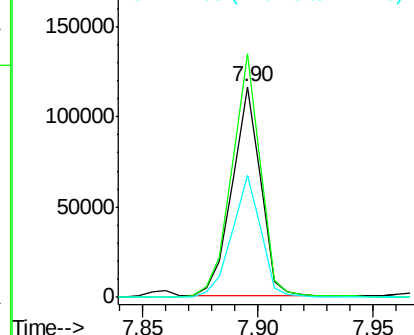
#27
 2,4-Dimethylphenol
 Concen: 48.386 ng
 RT: 7.90 min Scan# 945
 Delta R.T. -0.01 min
 Lab File: BF106849.D
 Acq: 27 Jun 2018 3:48

Instrument :
 BNA_F
 ClientSampleId :
 PB110514BSD

Tgt Ion:122 Resp: 100084
 Ion Ratio Lower Upper
 122 100
 107 115.5 91.2 136.8
 121 58.0 47.2 70.8

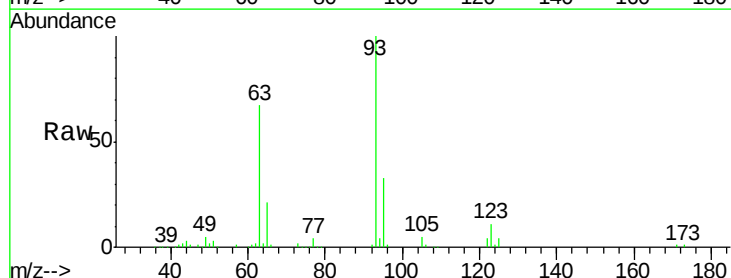


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

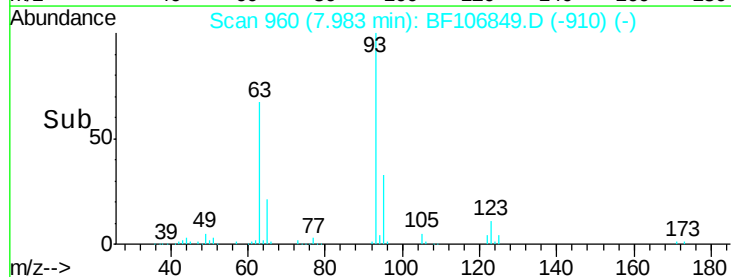
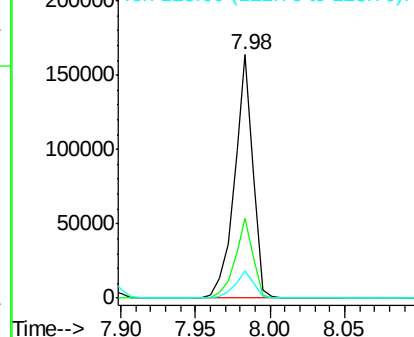


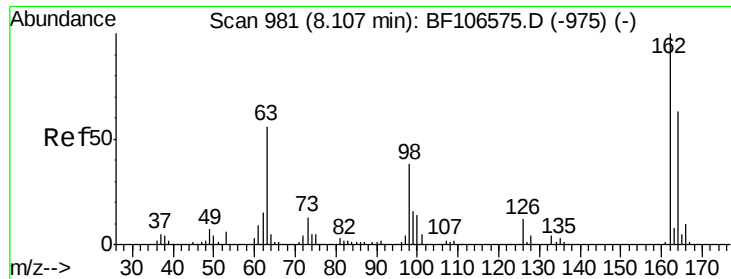
#28
 bis(2-Chloroethoxy)methane
 Concen: 43.280 ng
 RT: 7.98 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BF106849.D
 Acq: 27 Jun 2018 3:48

Tgt Ion: 93 Resp: 142183
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.3 39.5
 123 11.1 9.8 14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

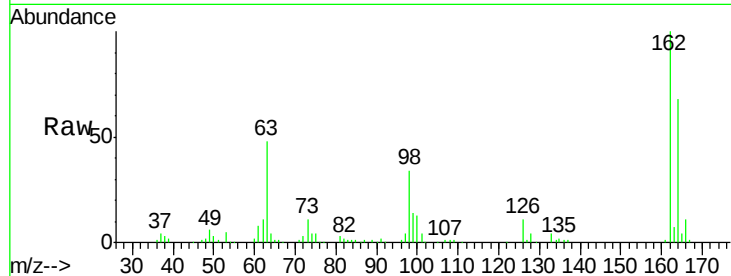




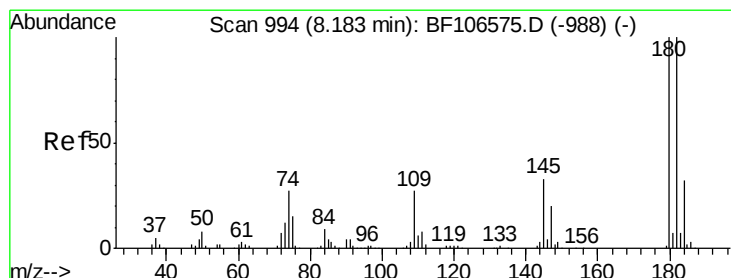
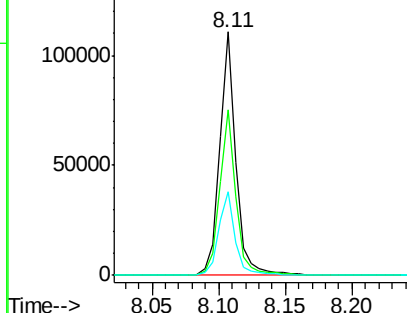
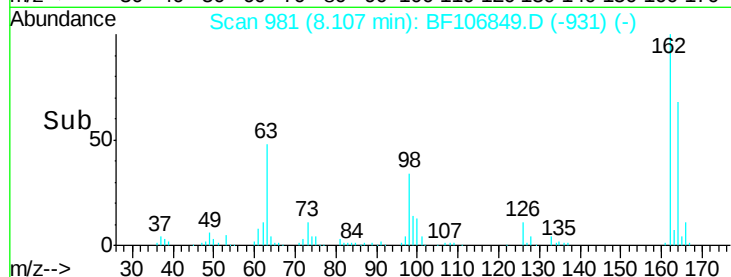
#29
2,4-Dichlorophenol
Concen: 44.289 ng
RT: 8.11 min Scan# 981
Delta R.T. -0.01 min
Lab File: BF106849.D
Acq: 27 Jun 2018 3:48

Instrument :
BNA_F
ClientSampleId :
PB110514BSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	68.0	42.7	82.7
98	34.4	18.1	58.1

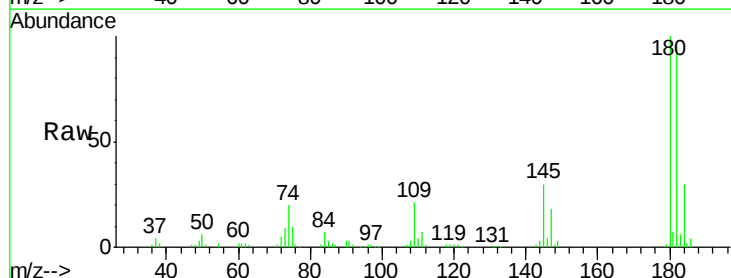


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

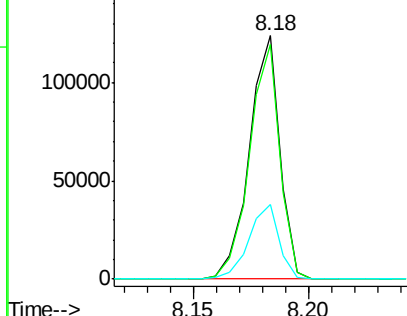
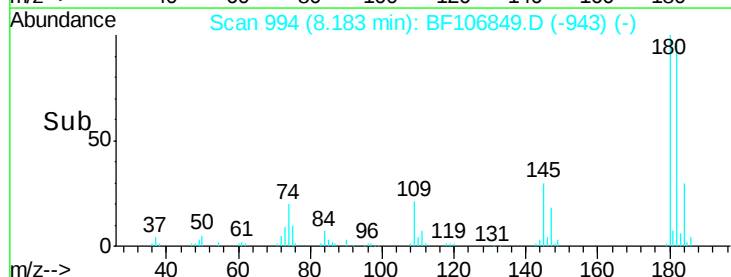


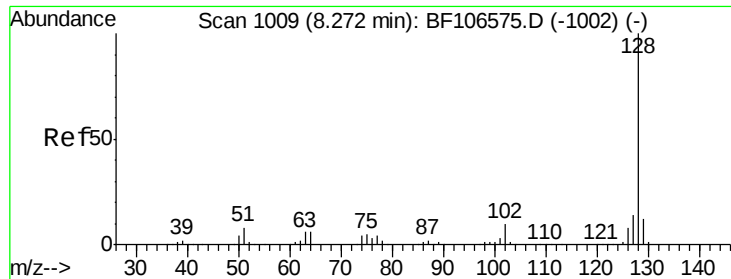
#30
1,2,4-Trichlorobenzene
Concen: 47.917 ng
RT: 8.18 min Scan# 994
Delta R.T. -0.00 min
Lab File: BF106849.D
Acq: 27 Jun 2018 3:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	76.8	115.2
145	30.4	26.5	39.7



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

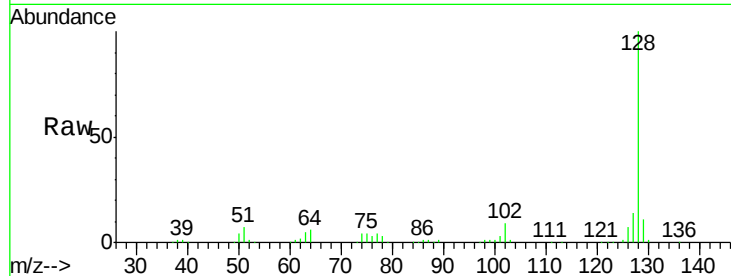




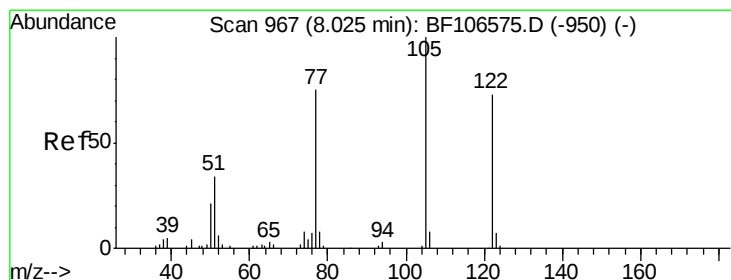
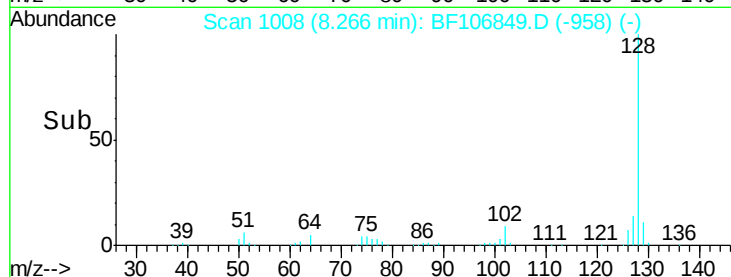
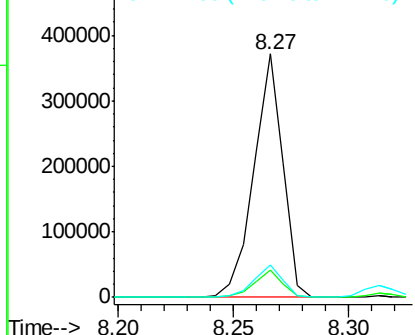
#31
Naphthalene
Concen: 45.199 ng
RT: 8.27 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF106849.D
Acq: 27 Jun 2018 3:48

Instrument :
BNA_F
ClientSampleId :
PB110514BSD

Tgt Ion:128 Resp: 326081
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.5 10.9 16.3

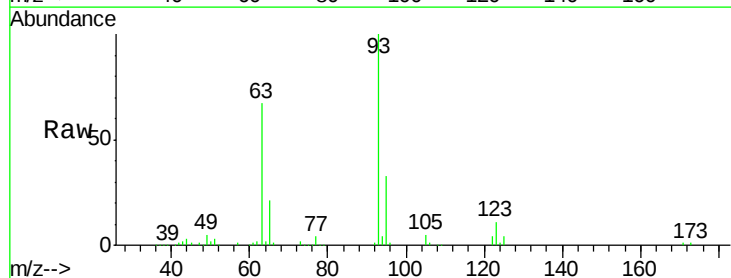


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

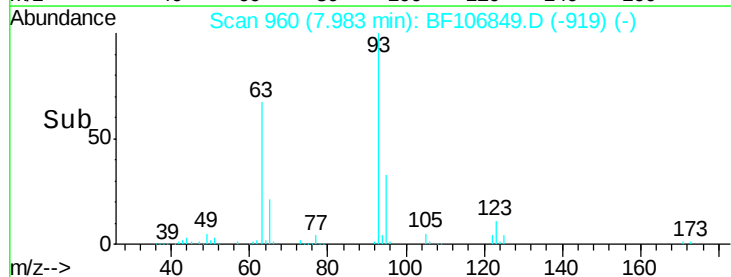
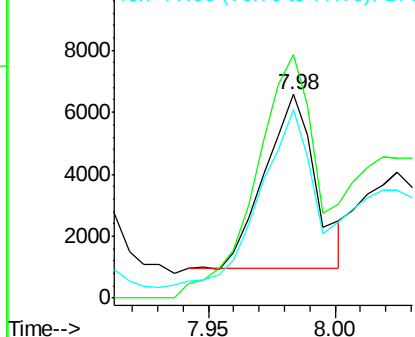


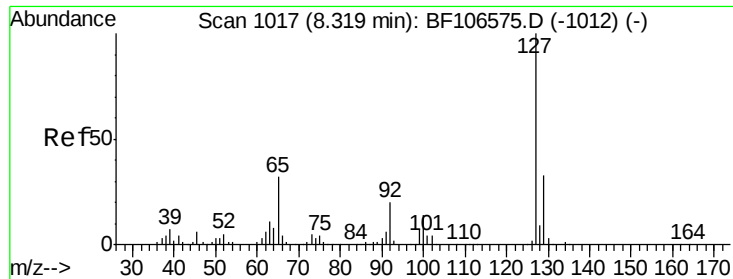
#32
Benzoic acid
Concen: 10.316 ng
RT: 7.98 min Scan# 960
Delta R.T. -0.06 min
Lab File: BF106849.D
Acq: 27 Jun 2018 3:48

Tgt Ion:122 Resp: 7834
Ion Ratio Lower Upper
122 100
105 119.7 101.1 141.1
77 92.8 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

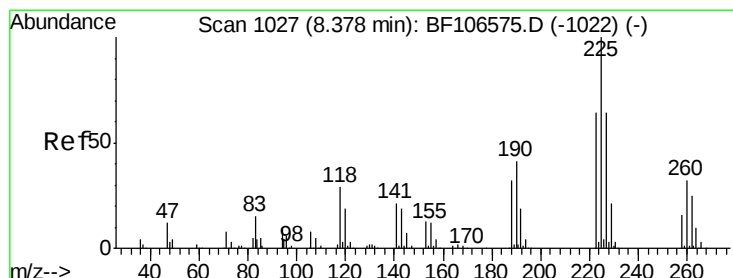
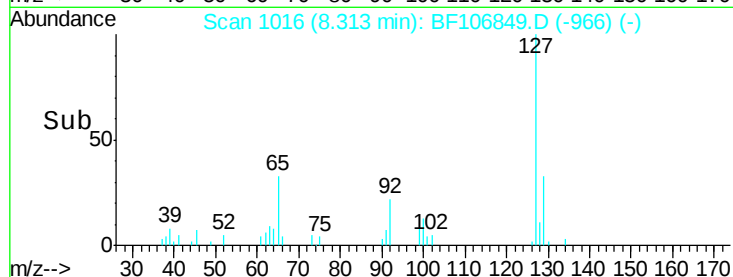
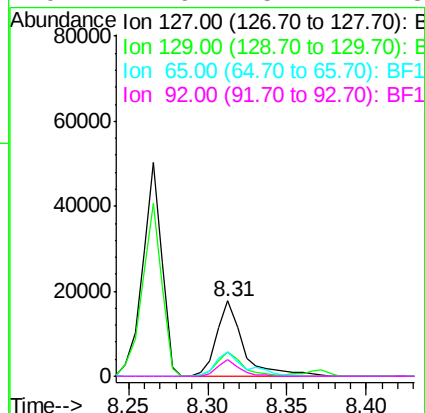
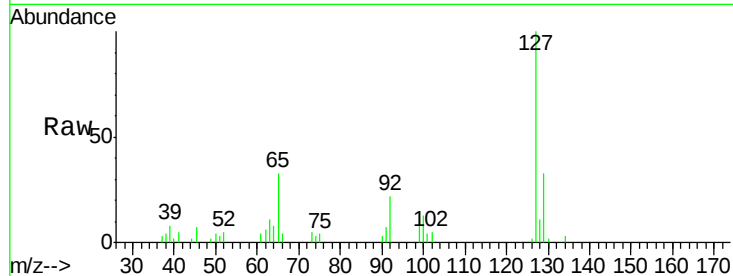




#33
4-Chloroaniline
Concen: 6.891 ng
RT: 8.31 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF106849.D
Acq: 27 Jun 2018 3:48

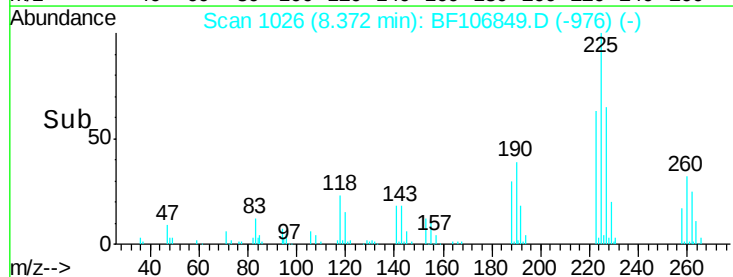
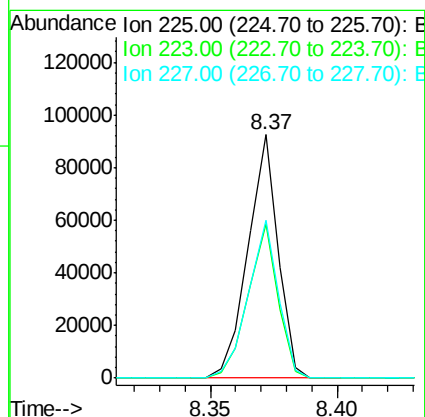
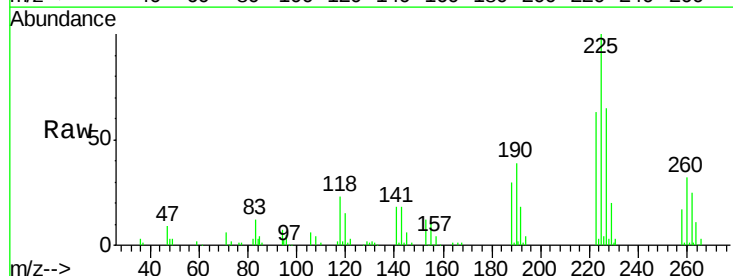
Instrument :
BNA_F
ClientSampleId :
PB110514BSD

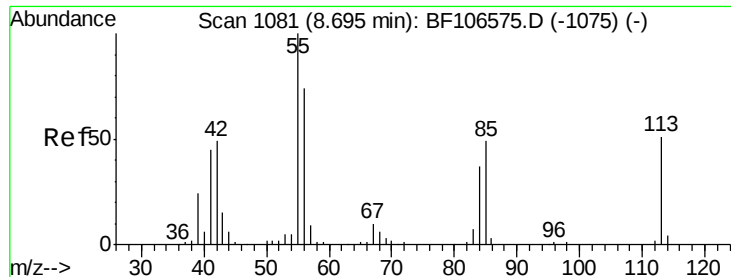
Tgt Ion:	127	Resp:	20861
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.9	38.9
65	32.6	25.0	37.4
92	21.6	15.2	22.8



#34
Hexachlorobutadiene
Concen: 49.266 ng
RT: 8.37 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF106849.D
Acq: 27 Jun 2018 3:48

Tgt Ion:	225	Resp:	76581
Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.6	76.0
227	64.8	51.9	77.9

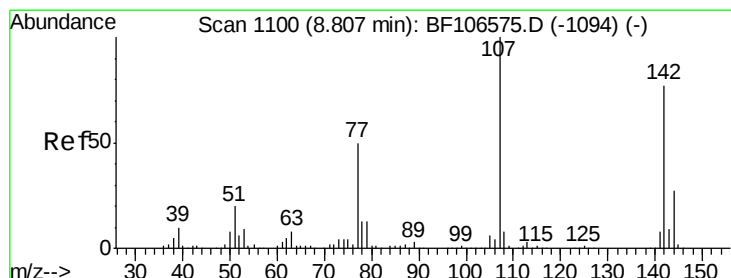
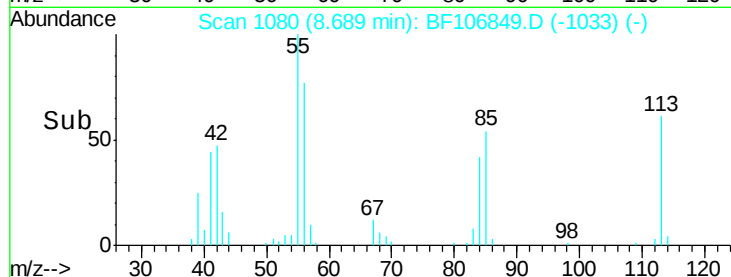
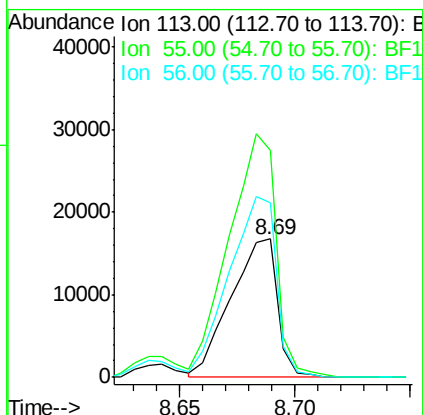
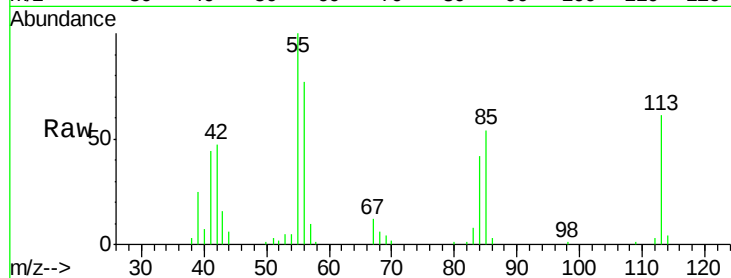




#35
 Caprolactam
 Concen: 33.543 ng
 RT: 8.69 min Scan# 1080
 Delta R.T. -0.02 min
 Lab File: BF106849.D
 Acq: 27 Jun 2018 3:48

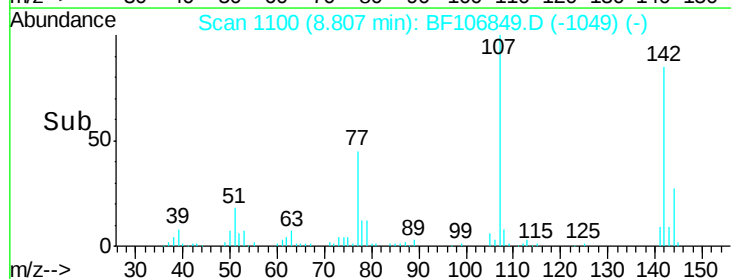
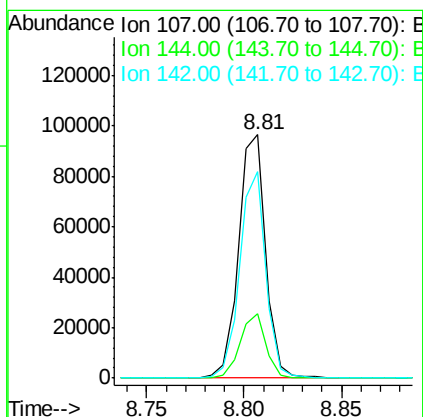
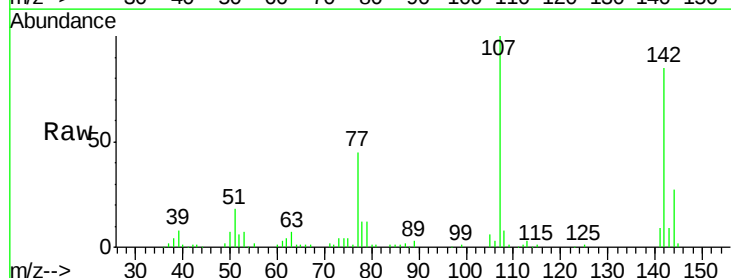
Instrument :
 BNA_F
 ClientSampleId :
 PB110514BSD

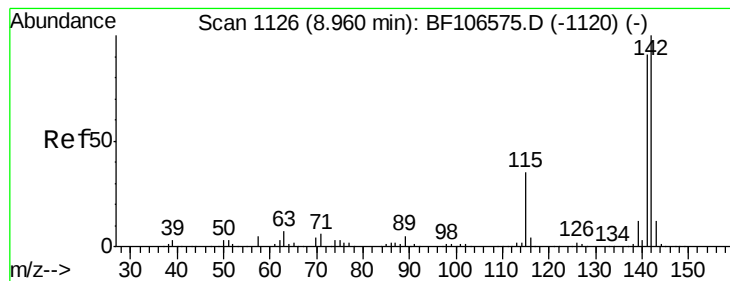
Tgt Ion:113 Resp: 23678
 Ion Ratio Lower Upper
 113 100
 55 163.6 163.3 203.3
 56 125.9 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 40.594 ng
 RT: 8.81 min Scan# 1100
 Delta R.T. -0.00 min
 Lab File: BF106849.D
 Acq: 27 Jun 2018 3:48

Tgt Ion:107 Resp: 92528
 Ion Ratio Lower Upper
 107 100
 144 26.5 20.5 30.7
 142 84.6 62.0 93.0





#37

2-Methylnaphthalene

Concen: 47.986 ng

RT: 8.95 min Scan# 1125

Delta R.T. -0.01 min

Lab File: BF106849.D

Acq: 27 Jun 2018 3:48

Instrument :

BNA_F

ClientSampleId :

PB110514BSD

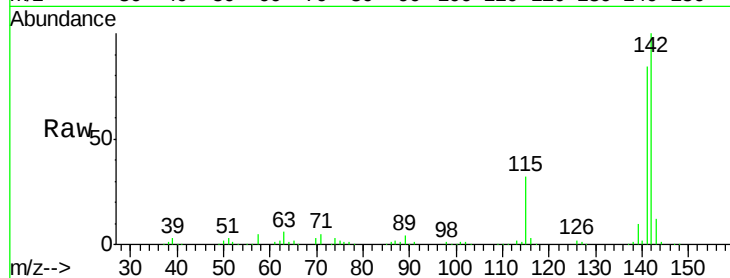
Tgt Ion:142 Resp: 229463

Ion Ratio Lower Upper

142 100

141 83.9 70.8 106.2

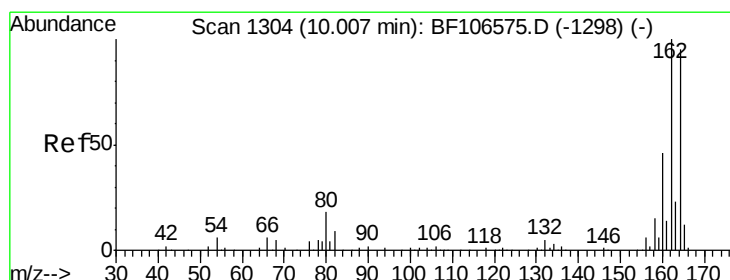
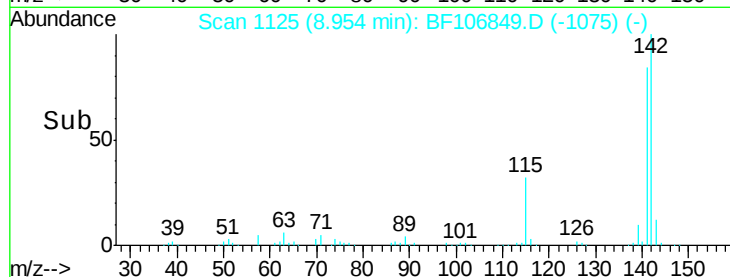
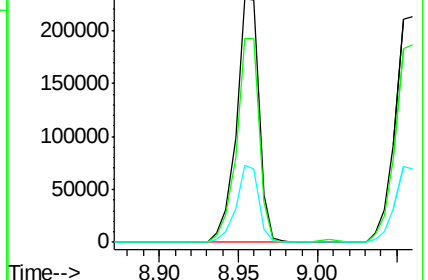
115 31.7 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF106849.D

Acq: 27 Jun 2018 3:48

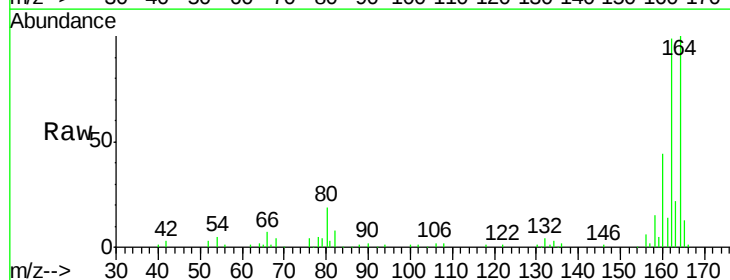
Tgt Ion:164 Resp: 68724

Ion Ratio Lower Upper

164 100

162 98.5 86.1 129.1

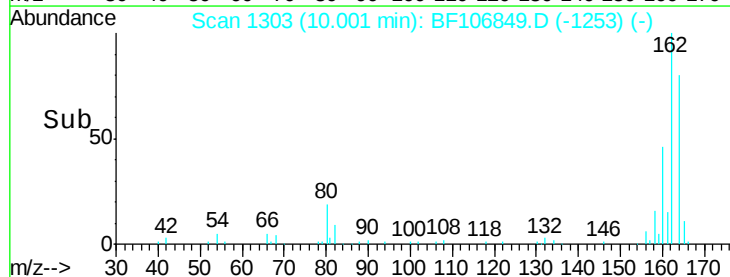
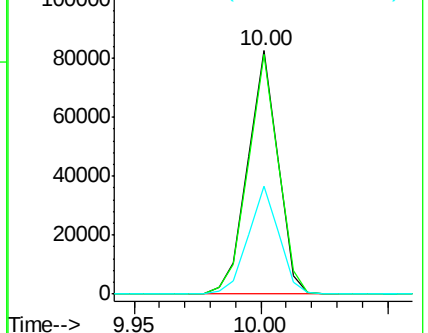
160 44.3 38.3 57.5

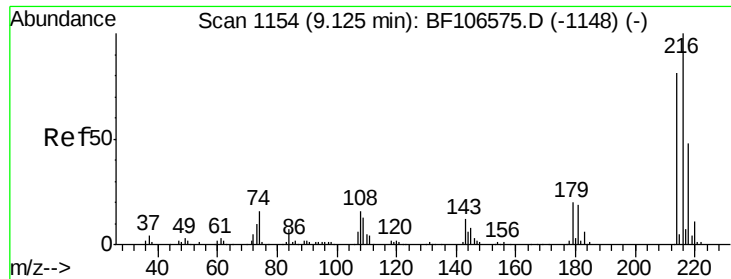


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

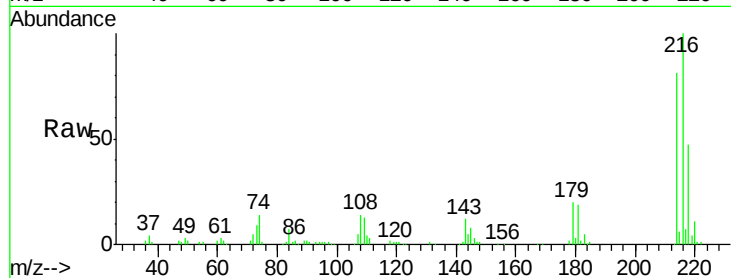




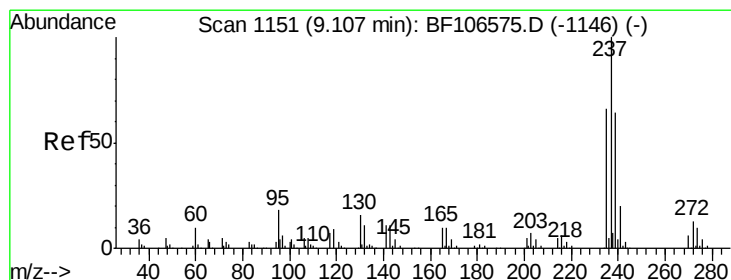
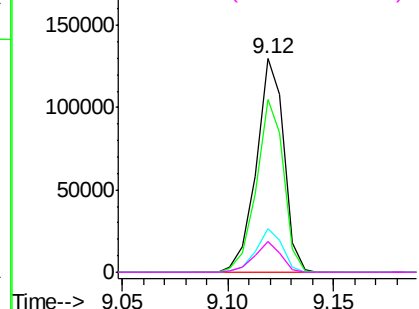
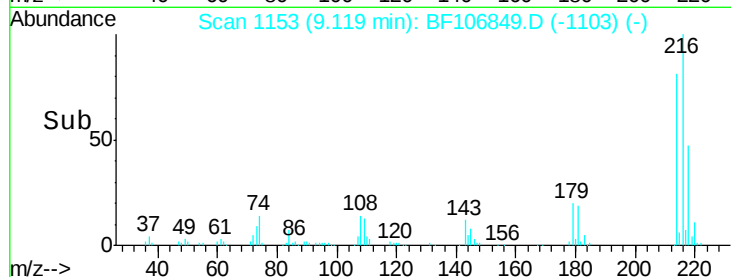
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 51.046 ng
 RT: 9.12 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF106849.D
 Acq: 27 Jun 2018 3:48

Instrument :
 BNA_F
 ClientSampleId :
 PB110514BSD

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.0	94.4
179	19.2	18.1	27.1
108	13.8	17.2	25.8

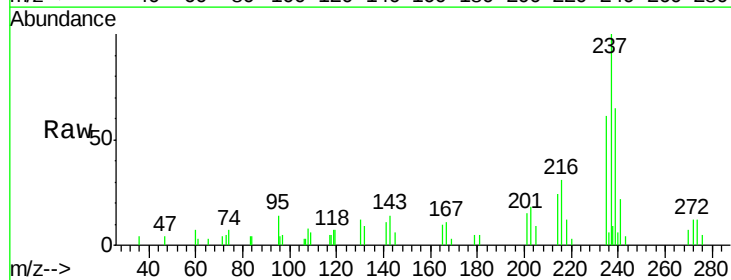


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

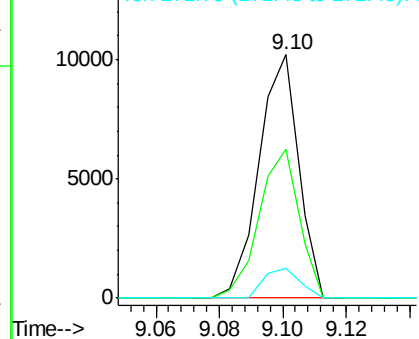
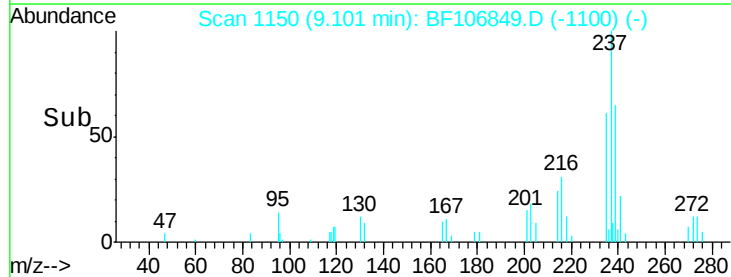


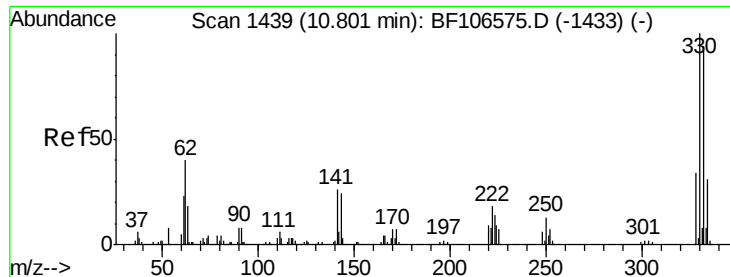
#40
 Hexachlorocyclopentadiene
 Concen: 7.459 ng
 RT: 9.10 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF106849.D
 Acq: 27 Jun 2018 3:48

Tgt Ion	Ratio	Lower	Upper
237	100		
235	61.0	44.8	84.8
272	12.1	0.0	33.3



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

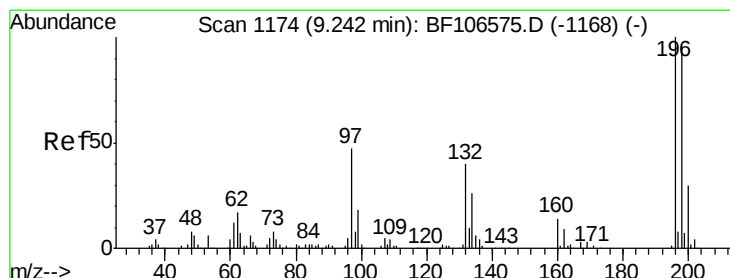
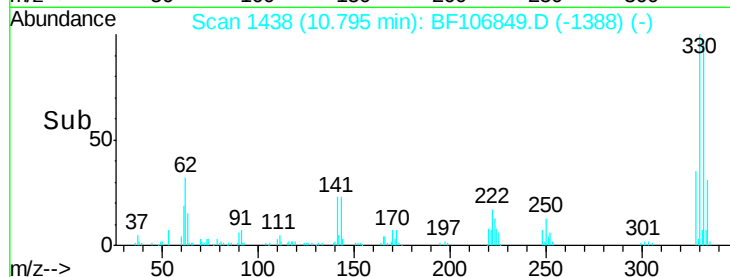
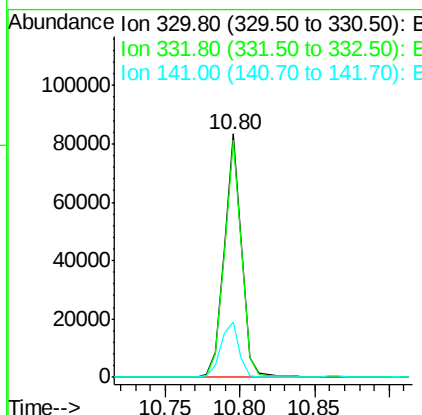
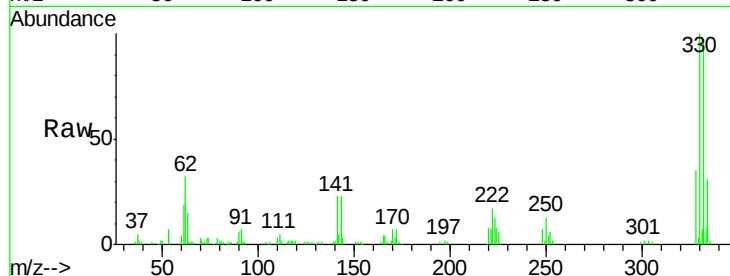




#41
 2,4,6-Tribromophenol
 Concen: 86.579 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106849.D
 Acq: 27 Jun 2018 3:48

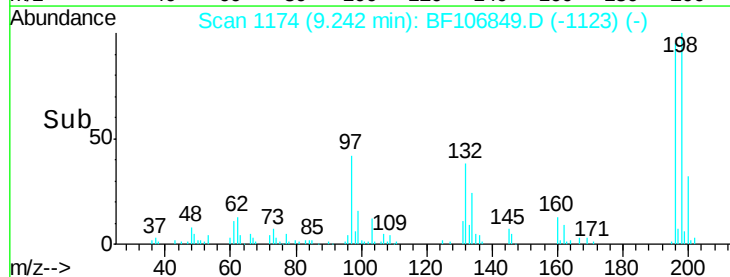
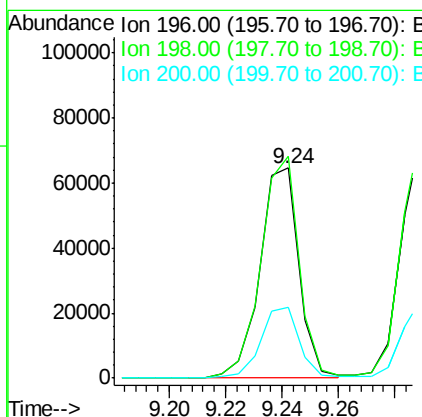
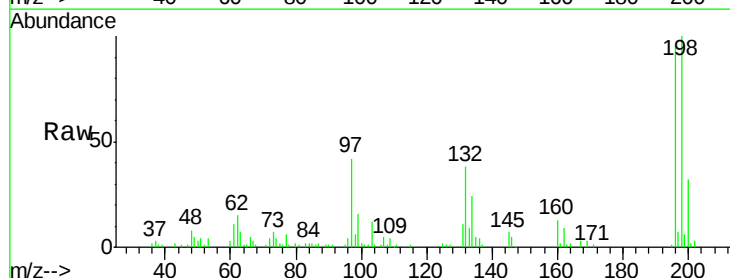
Instrument :
 BNA_F
 ClientSampleId :
 PB110514BSD

Tgt Ion:330 Resp: 68963
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.0 115.6
 141 23.5 29.9 44.9#



#42
 2,4,6-Trichlorophenol
 Concen: 40.344 ng
 RT: 9.24 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: BF106849.D
 Acq: 27 Jun 2018 3:48

Tgt Ion:196 Resp: 62066
 Ion Ratio Lower Upper
 196 100
 198 105.5 75.7 113.5
 200 34.0 24.5 36.7

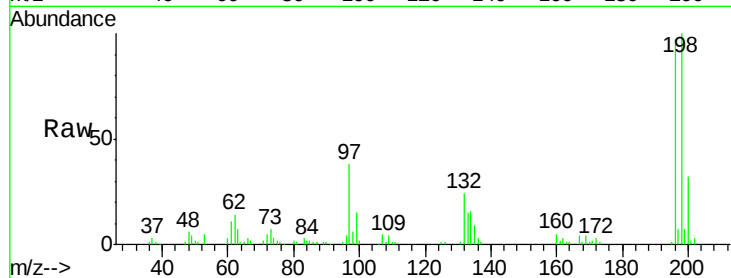




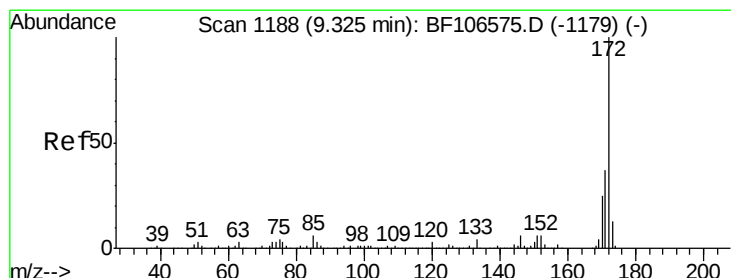
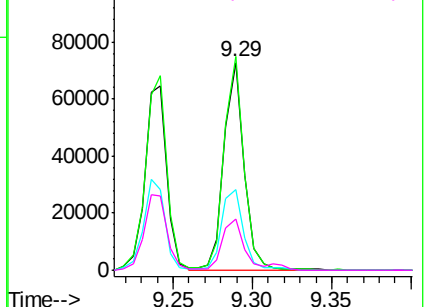
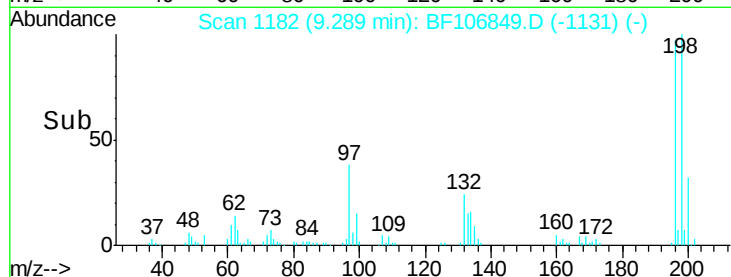
#43
 2,4,5-Trichlorophenol
 Concen: 40.132 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BF106849.D
 Acq: 27 Jun 2018 3:48

Instrument :
 BNA_F
 ClientSampleId :
 PB110514BSD

Tgt Ion:196 Resp: 64424
 Ion Ratio Lower Upper
 196 100
 198 102.7 74.6 112.0
 97 39.1 42.9 64.3#
 132 24.6 26.3 39.5#

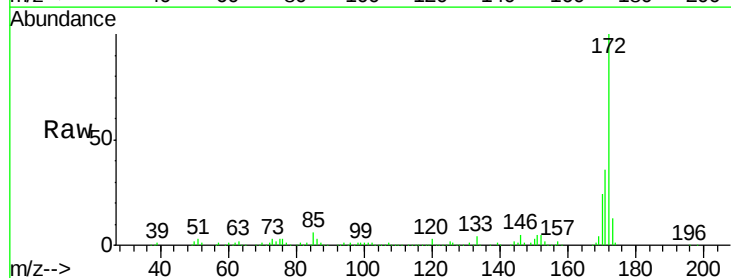


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

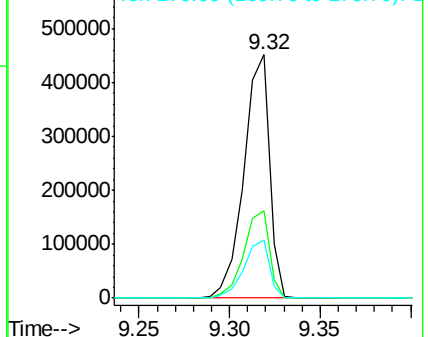
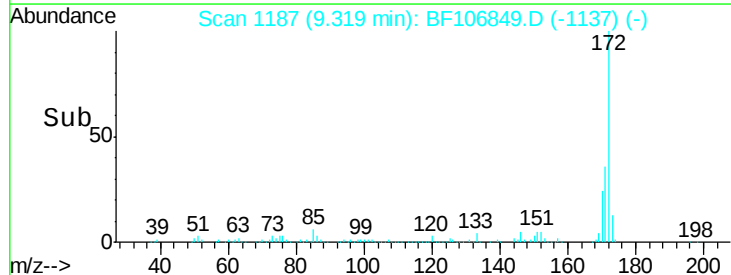


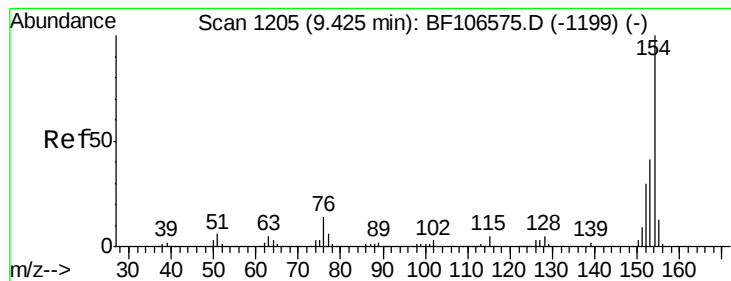
#44
 2-Fluorobiphenyl
 Concen: 114.311 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106849.D
 Acq: 27 Jun 2018 3:48

Tgt Ion:172 Resp: 443474
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 24.0 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 48.721 ng

RT: 9.42 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF106849.D

Acq: 27 Jun 2018 3:48

Instrument :

BNA_F

ClientSampleId :

PB110514BSD

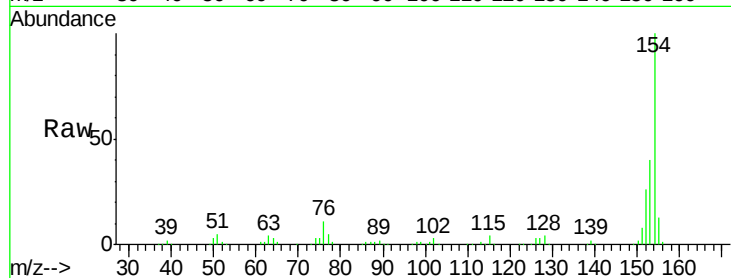
Tgt Ion:154 Resp: 266845

Ion Ratio Lower Upper

154 100

153 40.4 21.3 61.3

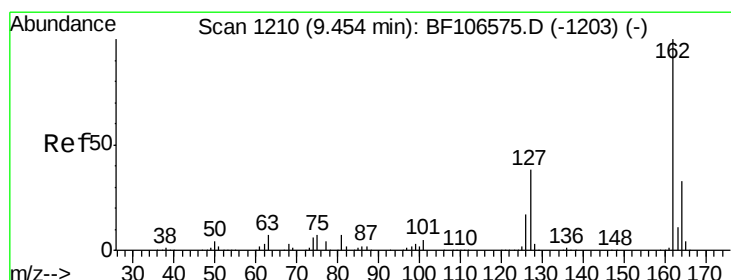
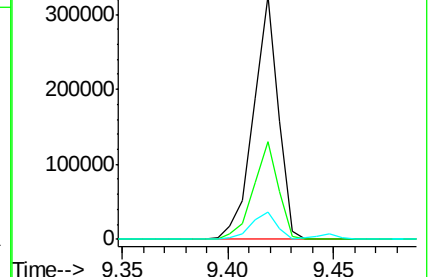
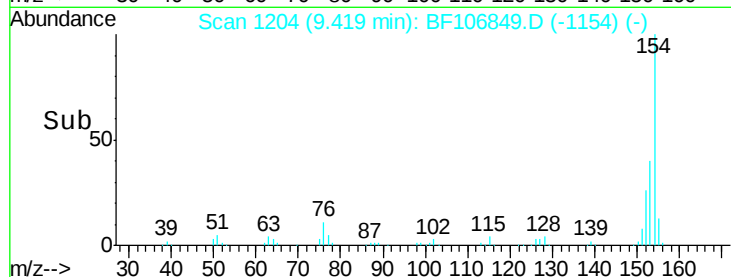
76 11.5 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 44.291 ng

RT: 9.45 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF106849.D

Acq: 27 Jun 2018 3:48

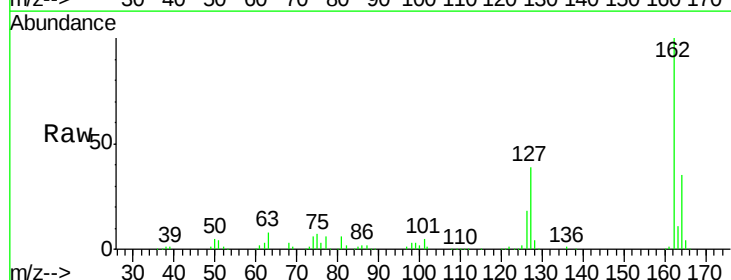
Tgt Ion:162 Resp: 190947

Ion Ratio Lower Upper

162 100

127 38.8 33.9 50.9

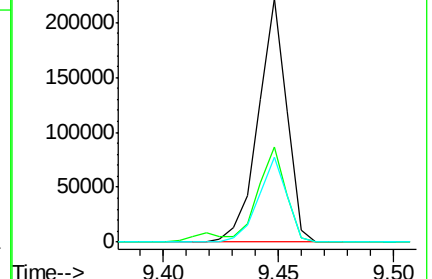
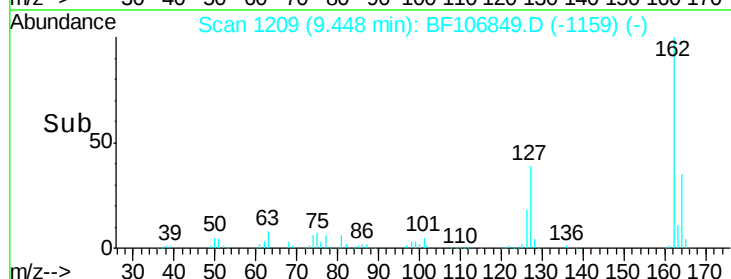
164 35.0 26.5 39.7

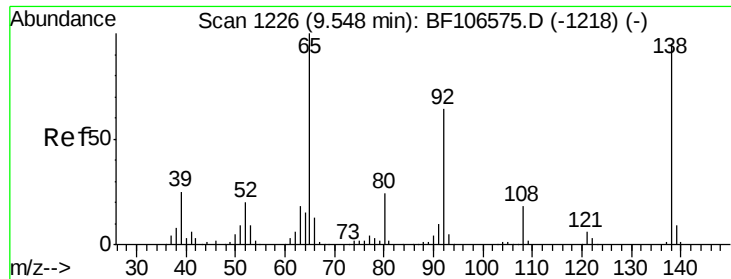


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

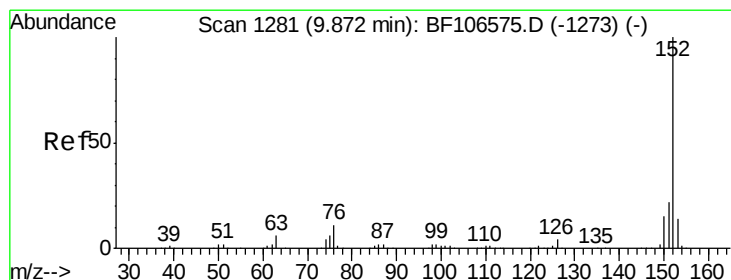
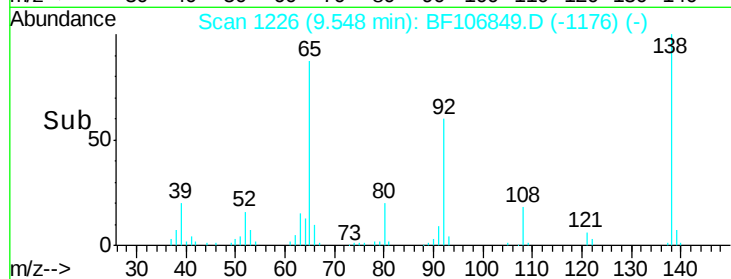
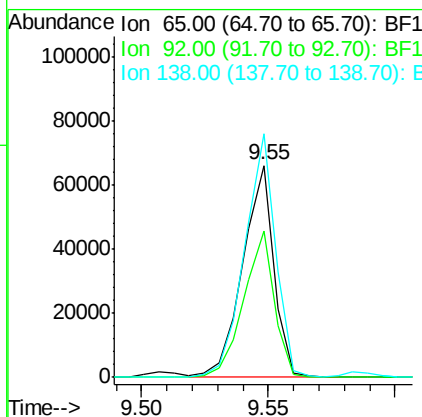
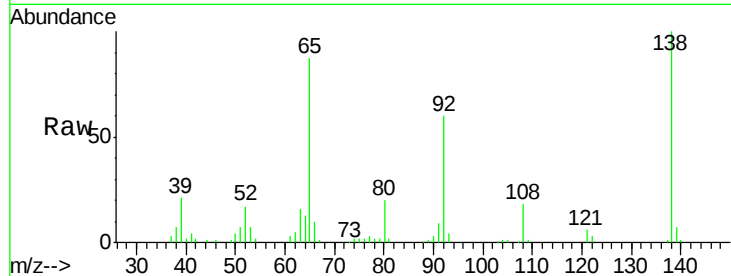




#47
2-Nitroaniline
Concen: 38.790 ng
RT: 9.55 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF106849.D
Acq: 27 Jun 2018 3:48

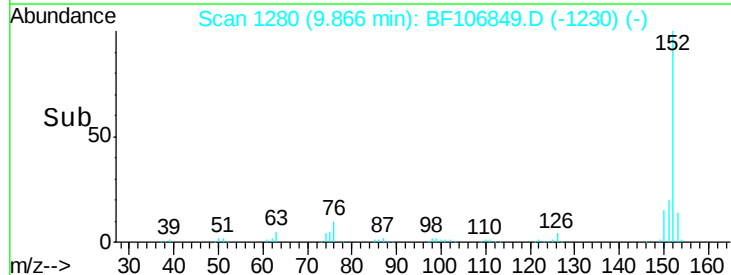
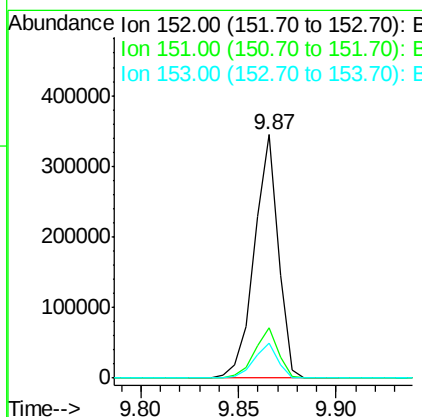
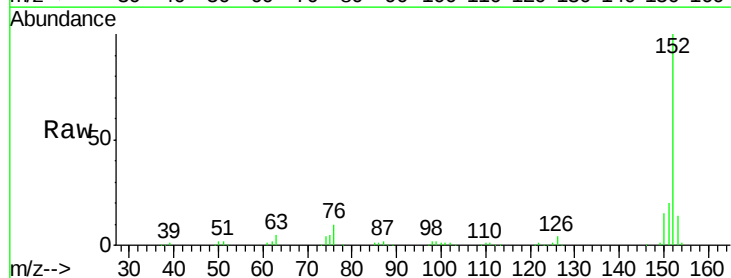
Instrument :
BNA_F
ClientSampleId :
PB110514BSD

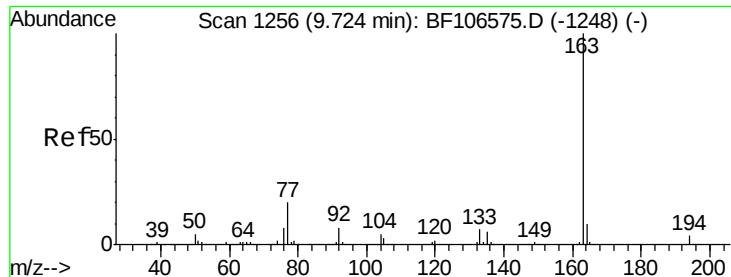
Tgt Ion: 65 Resp: 56235
Ion Ratio Lower Upper
65 100
92 69.1 55.8 83.6
138 115.0 91.2 136.8



#48
Acenaphthylene
Concen: 43.020 ng
RT: 9.87 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF106849.D
Acq: 27 Jun 2018 3:48

Tgt Ion: 152 Resp: 292814
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5
153 14.4 10.7 16.1

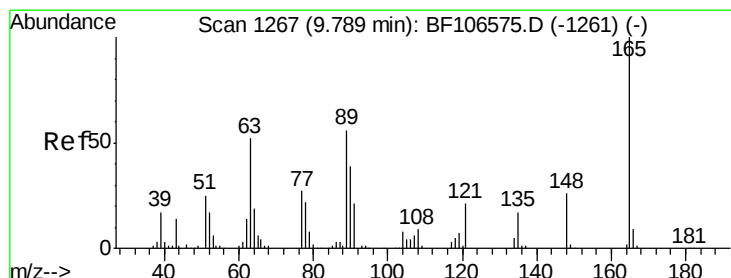
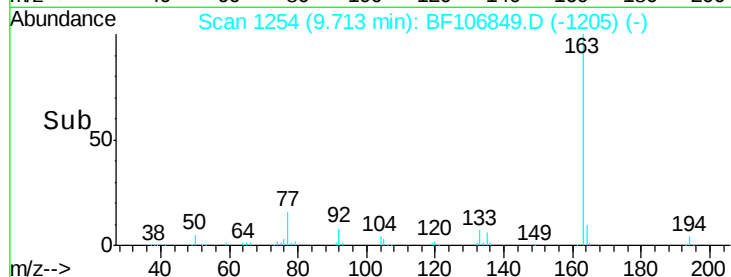
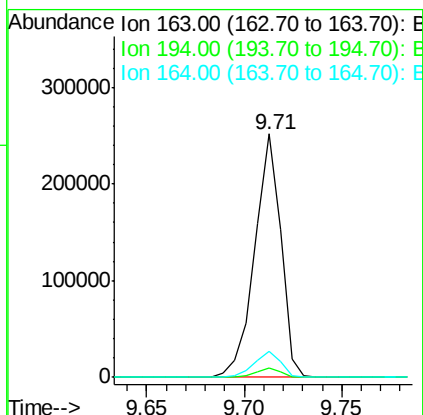
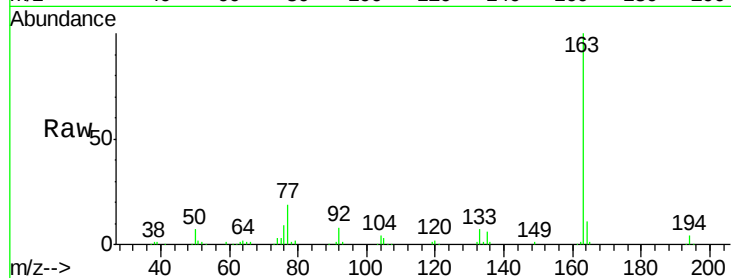




#49
Dimethylphthalate
Concen: 45.240 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF106849.D
Acq: 27 Jun 2018 3:48

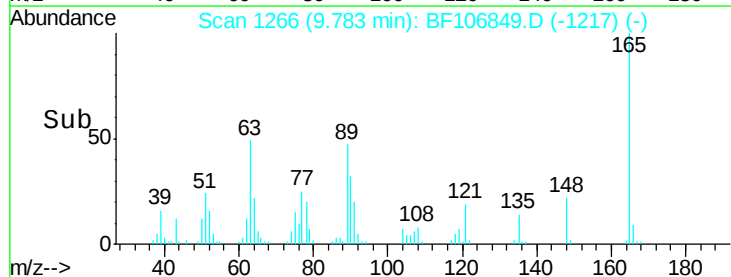
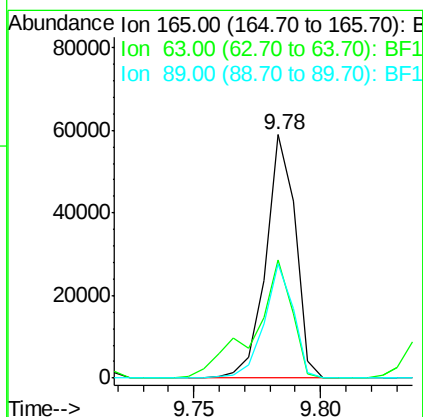
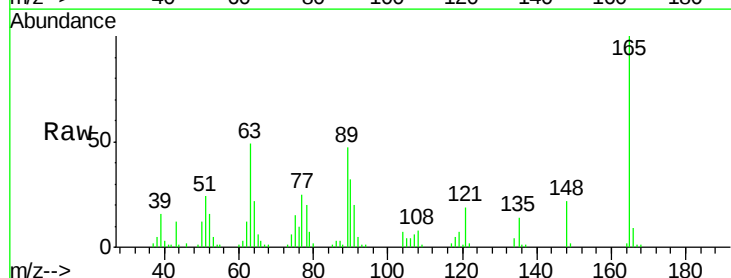
Instrument :
BNA_F
ClientSampleId :
PB110514BSD

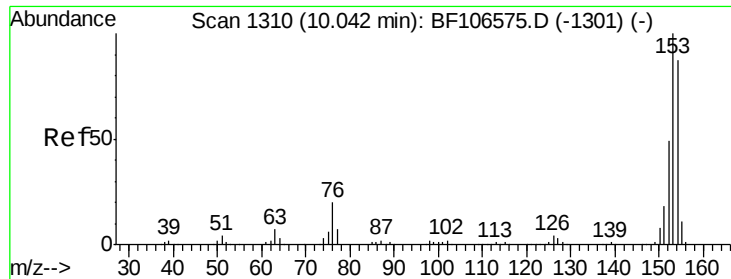
Tgt Ion:163 Resp: 233182
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.7 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 44.208 ng
RT: 9.78 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BF106849.D
Acq: 27 Jun 2018 3:48

Tgt Ion:165 Resp: 48251
Ion Ratio Lower Upper
165 100
63 48.6 44.7 67.1
89 46.9 44.0 66.0





#51

Acenaphthene

Concen: 41.043 ng

RT: 10.04 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF106849.D

Acq: 27 Jun 2018 3:48

Instrument :

BNA_F

ClientSampleId :

PB110514BSD

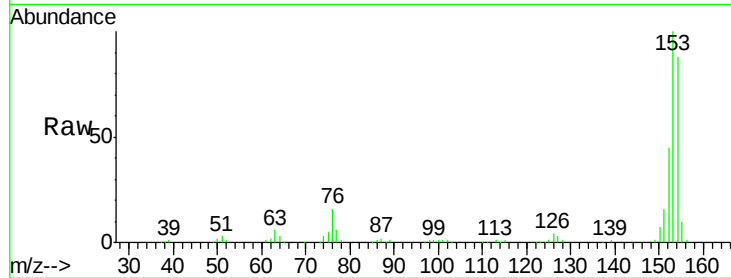
Tgt Ion:154 Resp: 175914

Ion Ratio Lower Upper

154 100

153 113.8 91.2 136.8

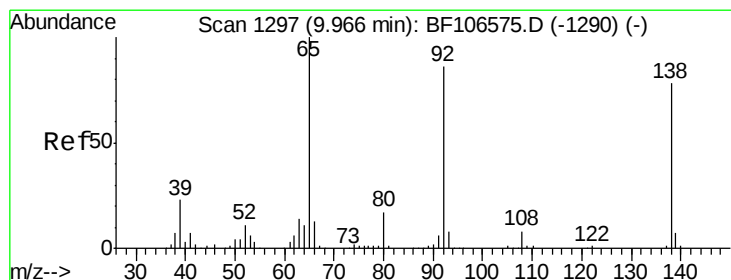
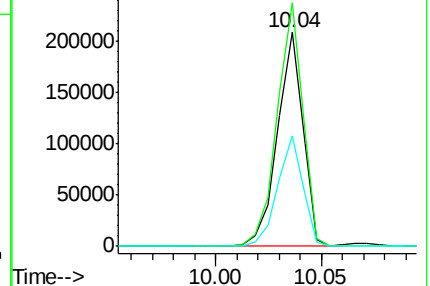
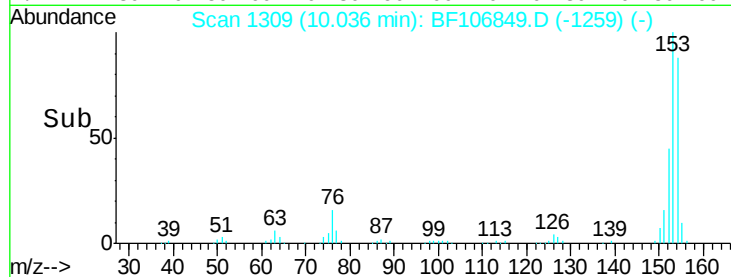
152 51.5 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 23.476 ng

RT: 9.95 min Scan# 1295

Delta R.T. -0.02 min

Lab File: BF106849.D

Acq: 27 Jun 2018 3:48

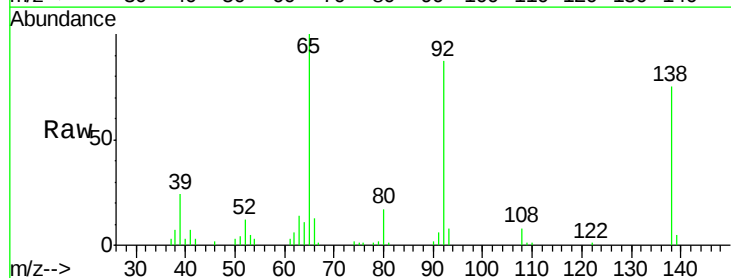
Tgt Ion:138 Resp: 29485

Ion Ratio Lower Upper

138 100

108 11.1 9.4 14.0

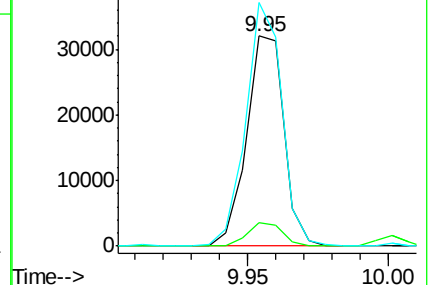
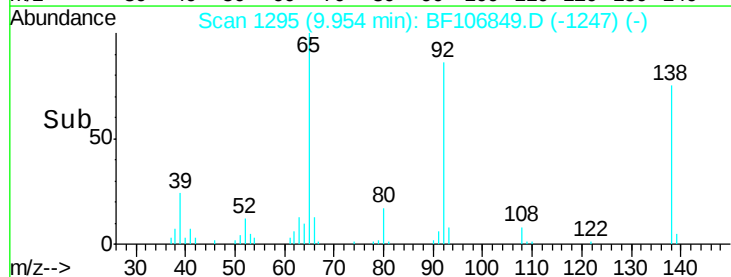
92 116.1 89.4 134.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

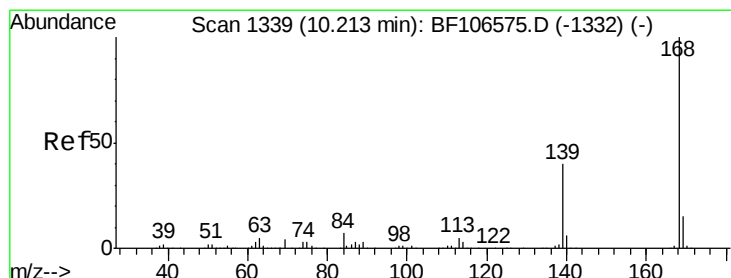
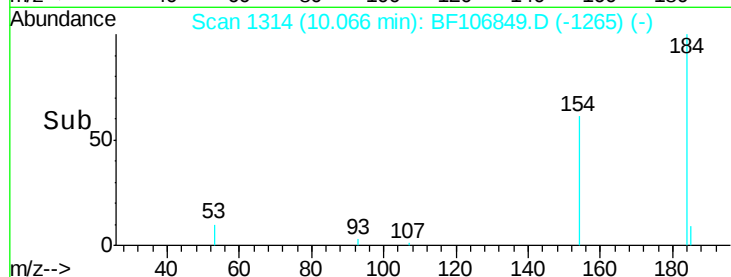
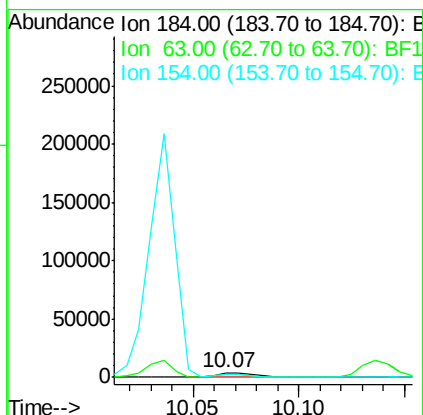
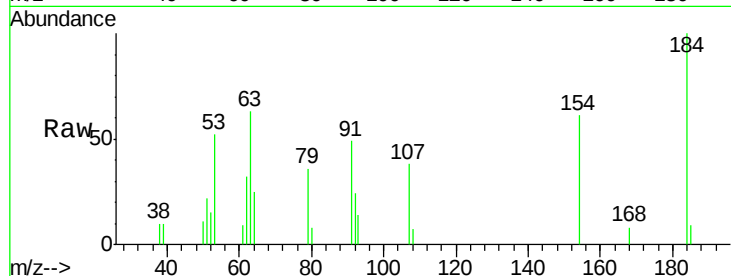




#53
2,4-Dinitrophenol
Concen: 13.933 ng
RT: 10.07 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BF106849.D
Acq: 27 Jun 2018 3:48

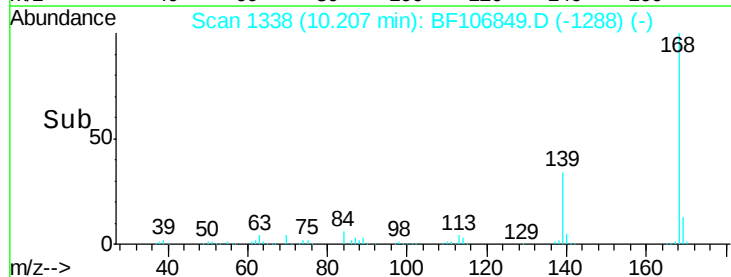
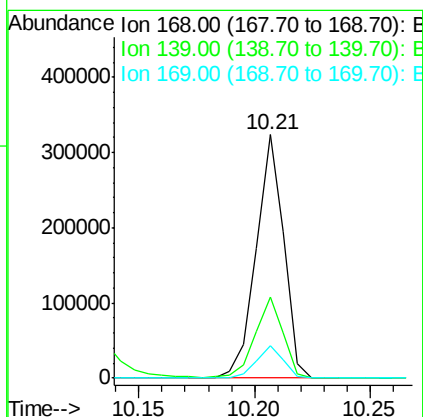
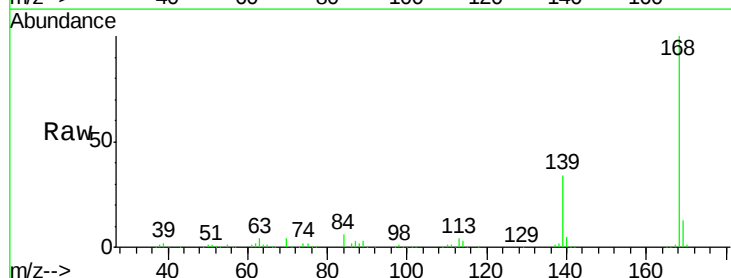
Instrument :
BNA_F
ClientSampleId :
PB110514BSD

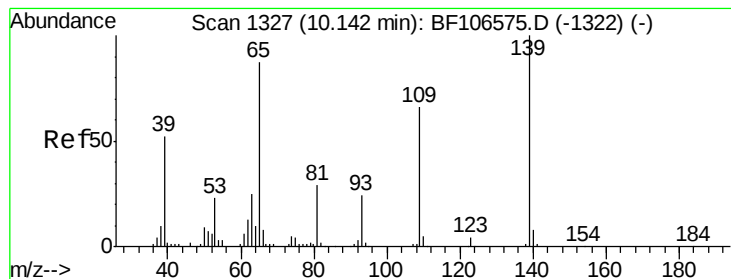
Tgt Ion:184 Resp: 5218
Ion Ratio Lower Upper
184 100
63 63.0 54.2 81.2
154 60.5 184.0 276.0#



#54
Dibenzofuran
Concen: 46.040 ng
RT: 10.21 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF106849.D
Acq: 27 Jun 2018 3:48

Tgt Ion:168 Resp: 270210
Ion Ratio Lower Upper
168 100
139 33.5 30.1 45.1
169 13.3 10.9 16.3





#55

4-Nitrophenol

Concen: 52.542 ng

RT: 10.14 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF106849.D

Acq: 27 Jun 2018 3:48

Instrument :

BNA_F

ClientSampleId :

PB110514BSD

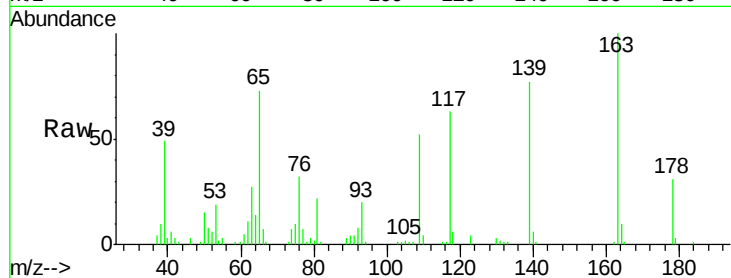
Tgt Ion:139 Resp: 46063

Ion Ratio Lower Upper

139 100

109 67.2 48.4 88.4

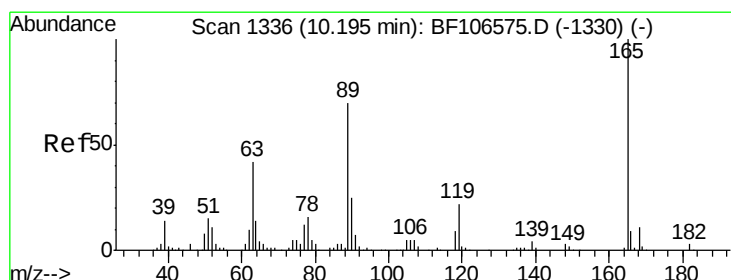
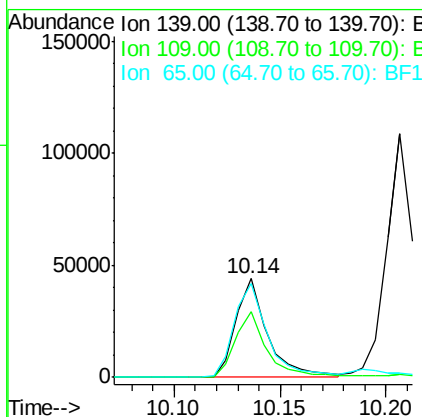
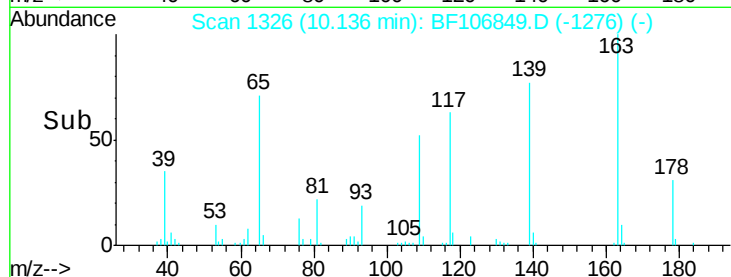
65 94.9 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 41.502 ng

RT: 10.19 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF106849.D

Acq: 27 Jun 2018 3:48

Tgt Ion:165 Resp: 59126

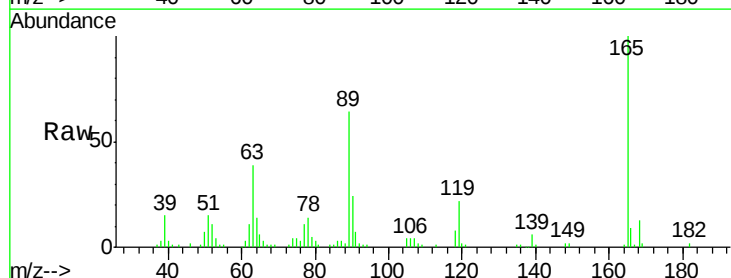
Ion Ratio Lower Upper

165 100

63 38.8 36.4 54.6

89 64.0 57.8 86.6

182 2.1 1.6 2.4

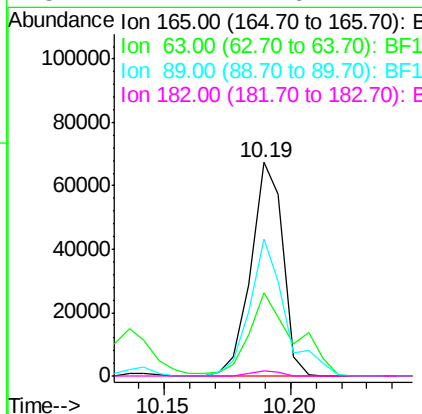
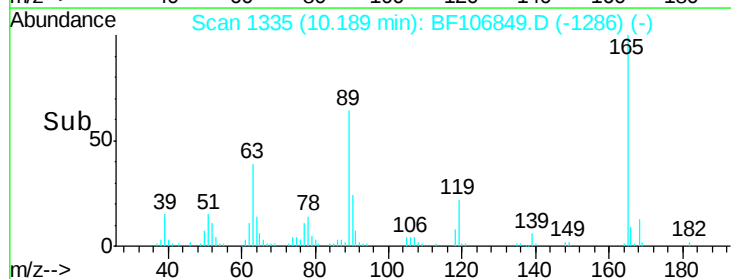


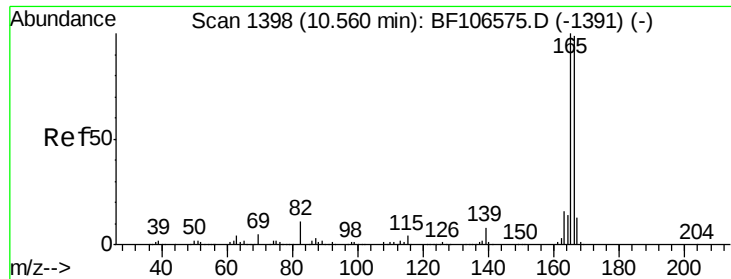
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

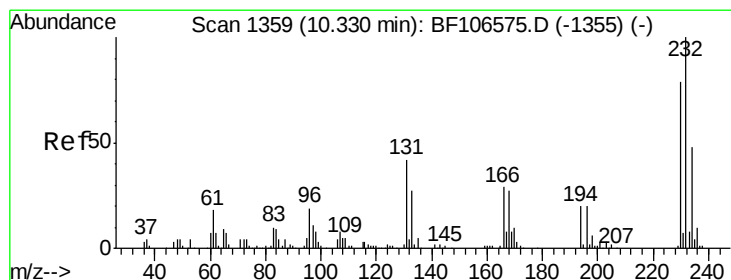
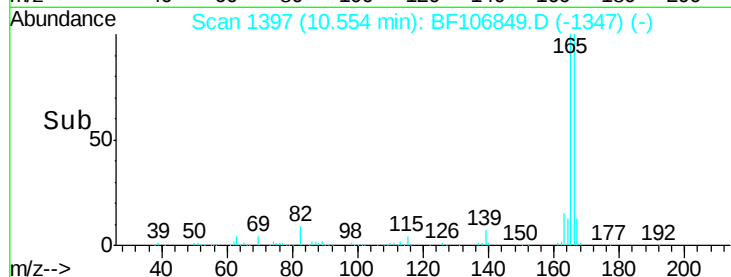
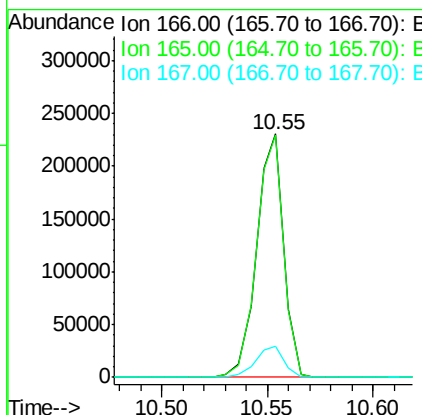
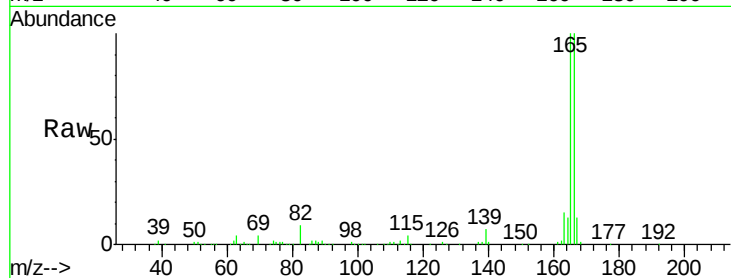




#57
 Fluorene
 Concen: 43.912 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF106849.D
 Acq: 27 Jun 2018 3:48

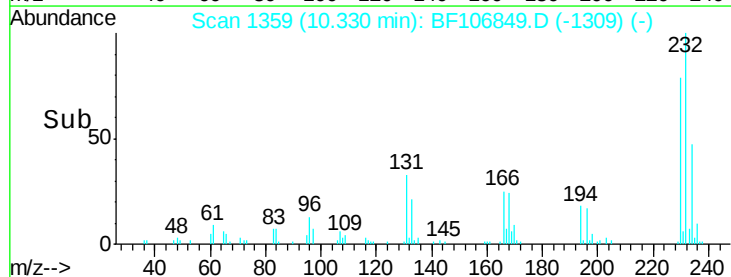
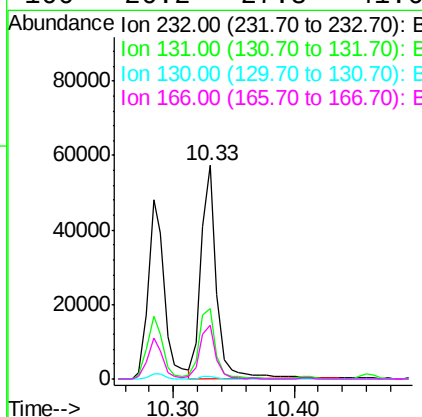
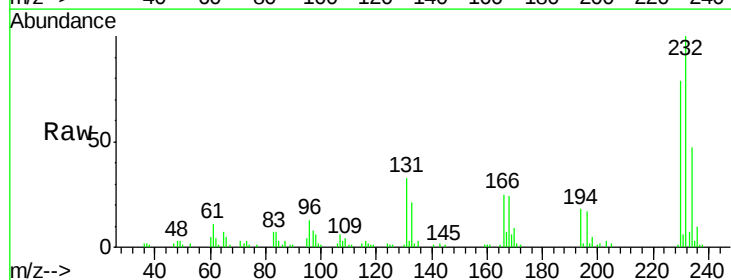
Instrument :
 BNA_F
 ClientSampleId :
 PB110514BSD

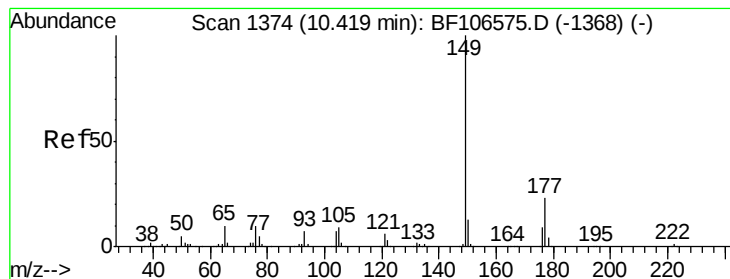
Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.7	79.8	119.8
167	12.8	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.026 ng
 RT: 10.33 min Scan# 1359
 Delta R.T. -0.01 min
 Lab File: BF106849.D
 Acq: 27 Jun 2018 3:48

Tgt Ion	Ratio	Lower	Upper
232	100		
131	36.1	43.8	65.8#
130	1.3	2.1	3.1#
166	26.2	27.8	41.6#





#59

Diethylphthalate

Concen: 42.257 ng

RT: 10.41 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BF106849.D

Acq: 27 Jun 2018 3:48

Instrument :

BNA_F

ClientSampleId :

PB110514BSD

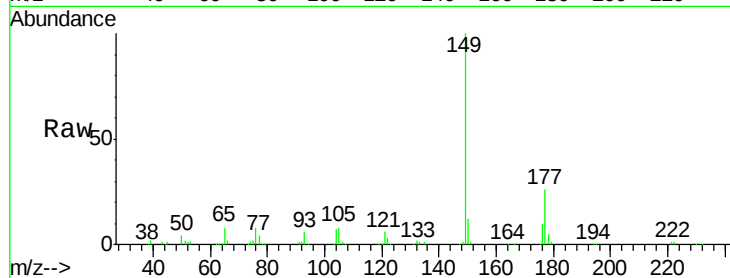
Tgt Ion:149 Resp: 210221

Ion Ratio Lower Upper

149 100

177 25.8 16.1 24.1#

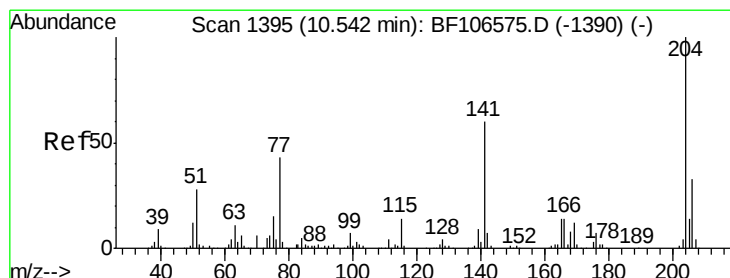
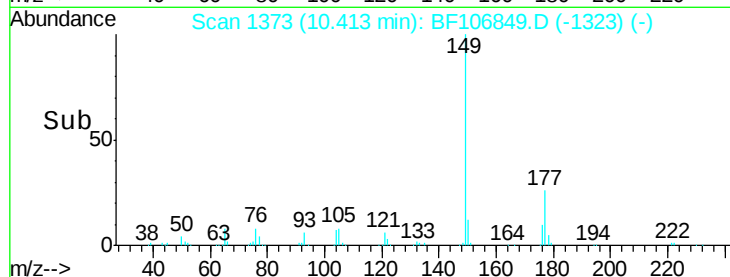
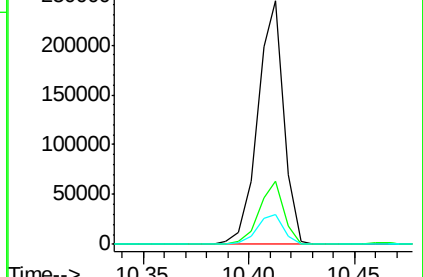
150 12.4 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 44.582 ng

RT: 10.54 min Scan# 1394

Delta R.T. -0.01 min

Lab File: BF106849.D

Acq: 27 Jun 2018 3:48

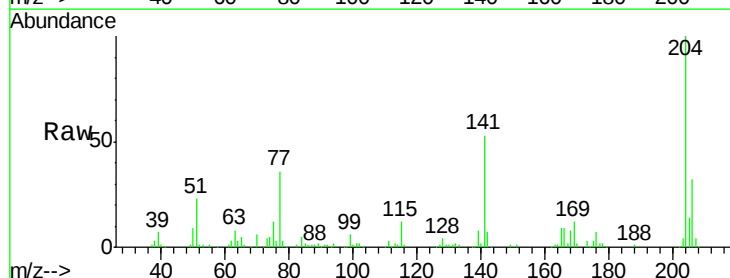
Tgt Ion:204 Resp: 108636

Ion Ratio Lower Upper

204 100

206 32.2 26.5 39.7

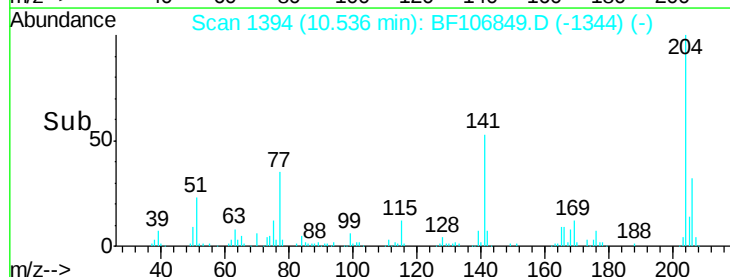
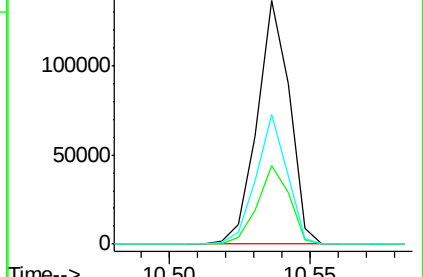
141 53.4 54.6 81.8#

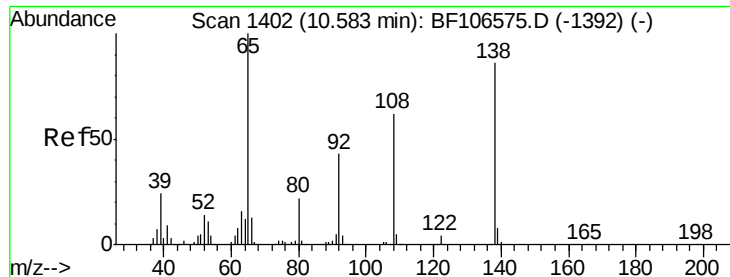


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

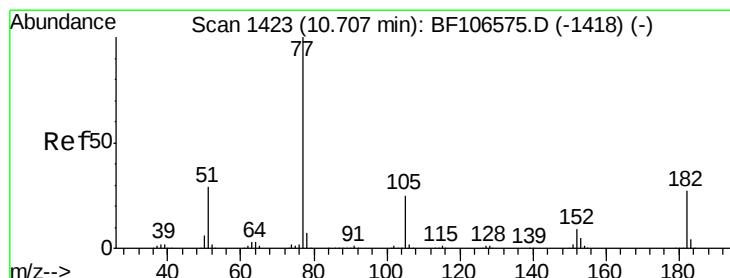
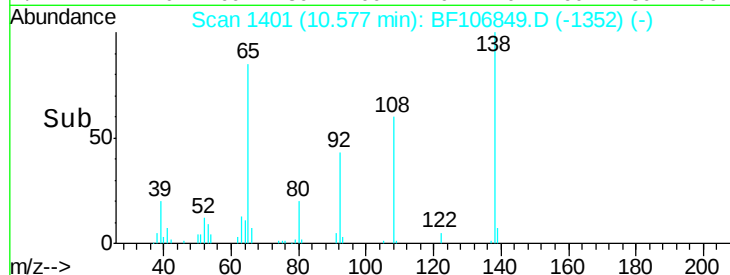
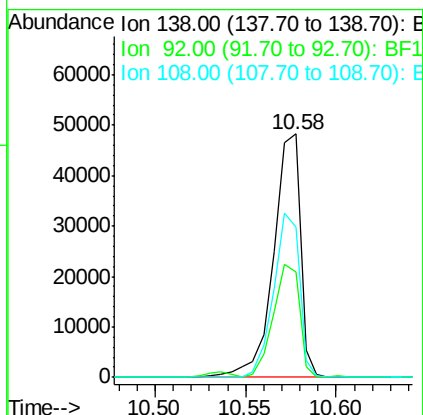
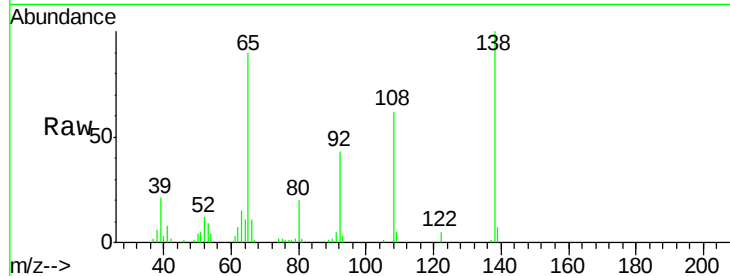




#61
4-Nitroaniline
Concen: 40.070 ng
RT: 10.58 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF106849.D
Acq: 27 Jun 2018 3:48

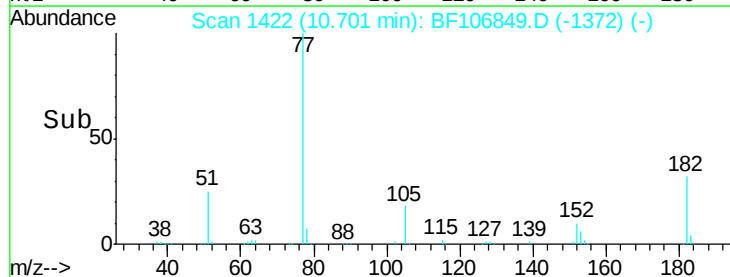
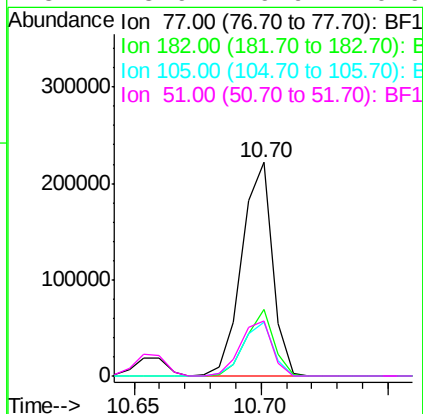
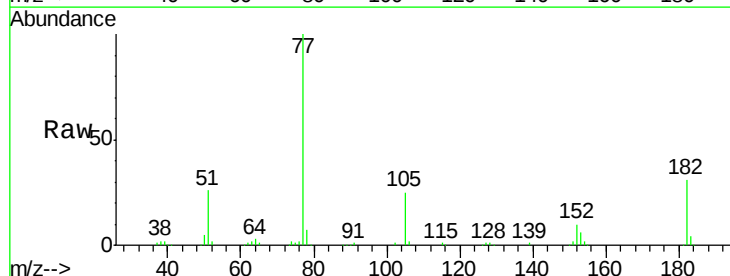
Instrument :
BNA_F
ClientSampleId :
PB110514BSD

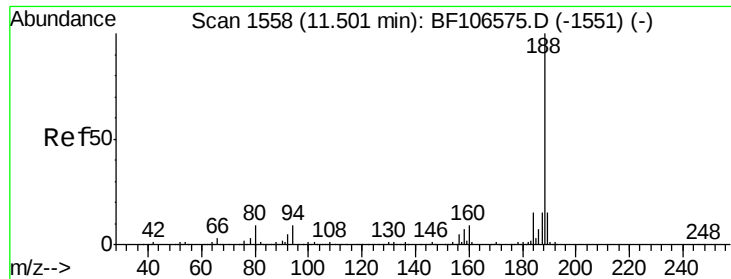
Tgt Ion:138 Resp: 49947
Ion Ratio Lower Upper
138 100
92 43.2 30.2 70.2
108 61.6 52.5 92.5



#62
Azobenzene
Concen: 38.080 ng
RT: 10.70 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF106849.D
Acq: 27 Jun 2018 3:48

Tgt Ion: 77 Resp: 186556
Ion Ratio Lower Upper
77 100
182 31.1 1.7 41.7
105 25.4 3.0 43.0
51 25.9 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF106849.D

Acq: 27 Jun 2018 3:48

Instrument :

BNA_F

ClientSampleId :

PB110514BSD

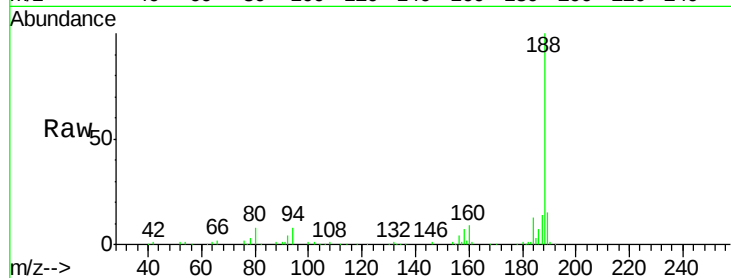
Tgt Ion:188 Resp: 128365

Ion Ratio Lower Upper

188 100

94 7.9 8.5 12.7#

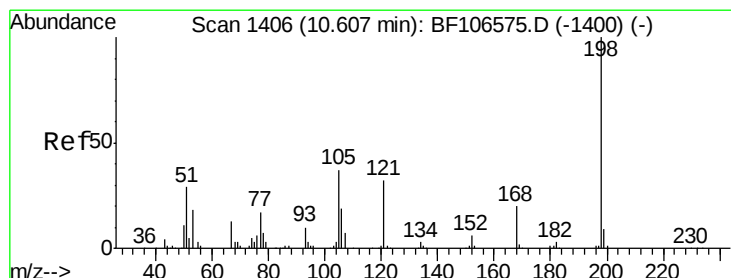
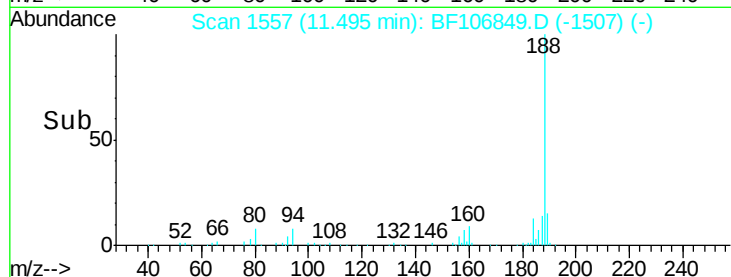
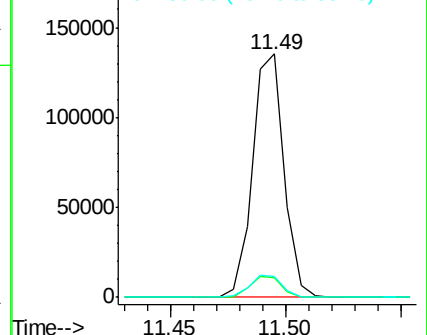
80 8.3 9.2 13.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 8.855 ng

RT: 10.60 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BF106849.D

Acq: 27 Jun 2018 3:48

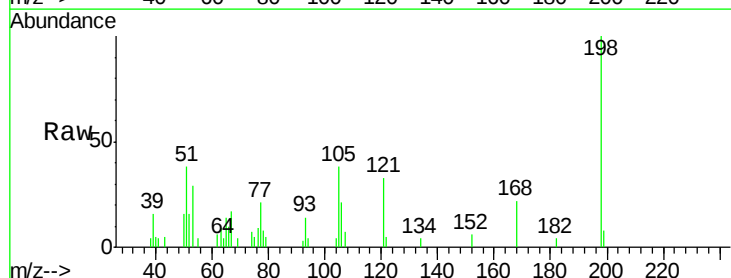
Tgt Ion:198 Resp: 7026

Ion Ratio Lower Upper

198 100

51 38.1 37.7 77.7

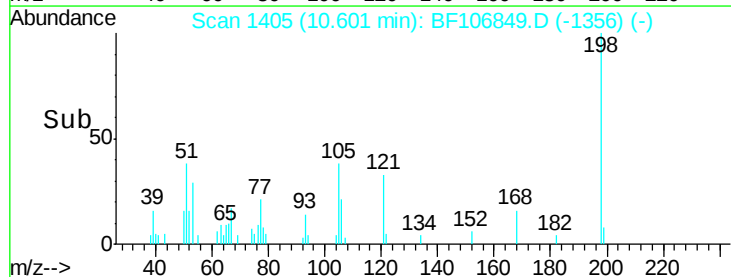
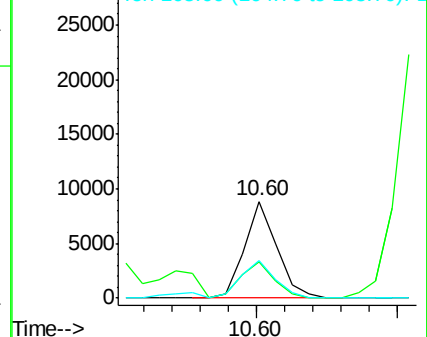
105 38.3 36.3 76.3

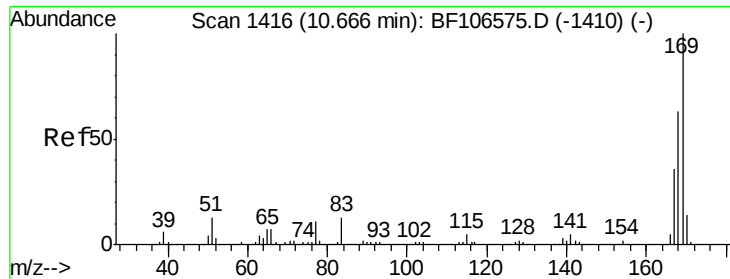


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

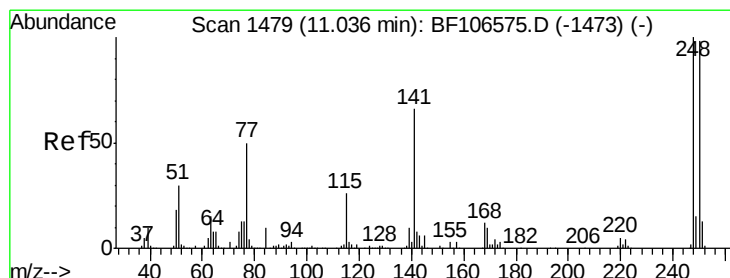
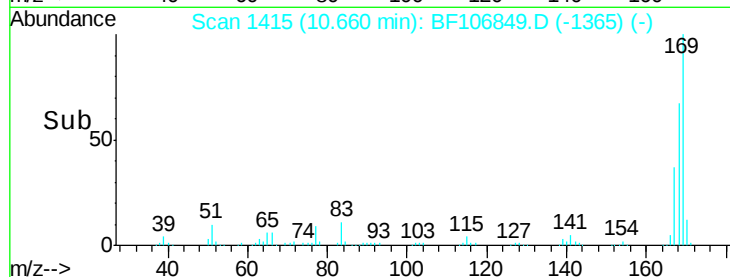
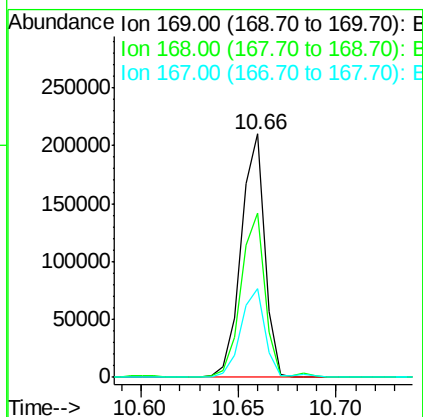
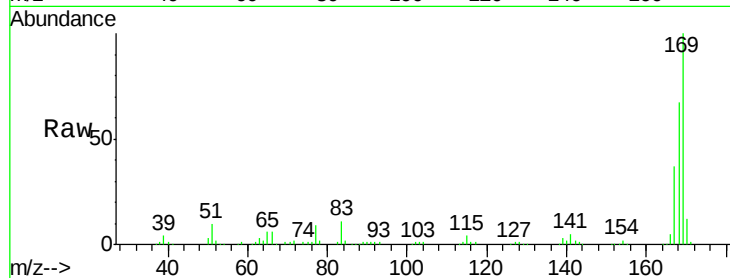




#65
 n-Nitrosodiphenylamine
 Concen: 40.942 ng
 RT: 10.66 min Scan# 1415
 Delta R.T. -0.01 min
 Lab File: BF106849.D
 Acq: 27 Jun 2018 3:48

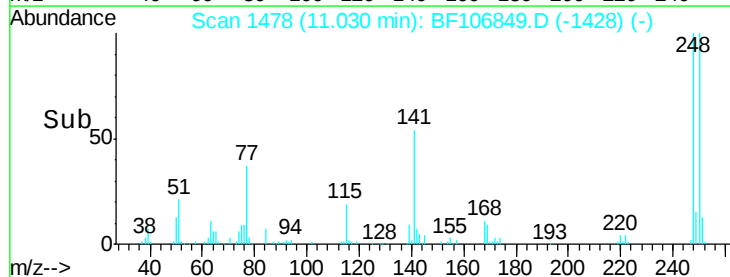
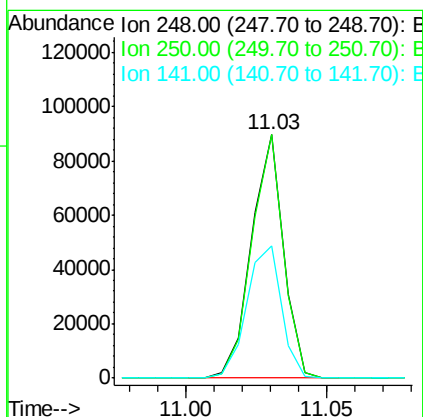
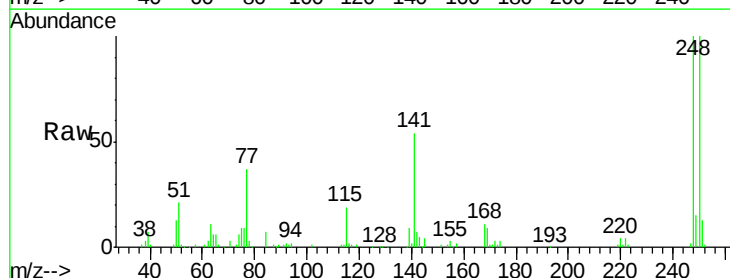
Instrument :
 BNA_F
 ClientSampleId :
 PB110514BSD

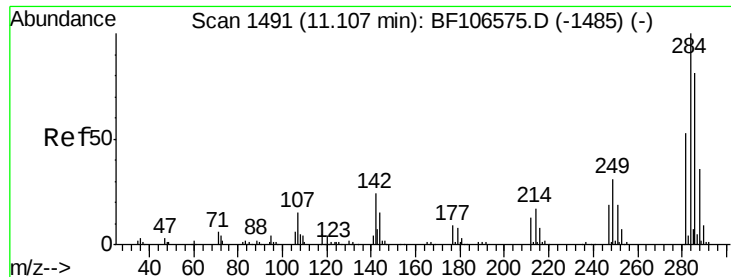
Tgt Ion:169 Resp: 176771
 Ion Ratio Lower Upper
 169 100
 168 67.5 54.4 81.6
 167 36.5 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 46.077 ng
 RT: 11.03 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF106849.D
 Acq: 27 Jun 2018 3:48

Tgt Ion:248 Resp: 70589
 Ion Ratio Lower Upper
 248 100
 250 100.1 76.9 115.3
 141 54.5 74.4 111.6#

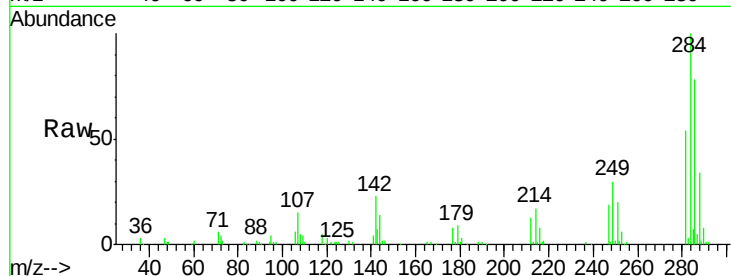




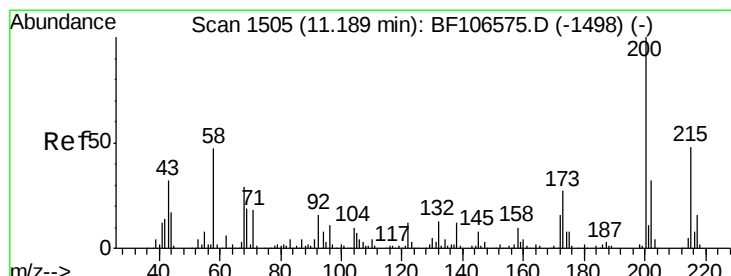
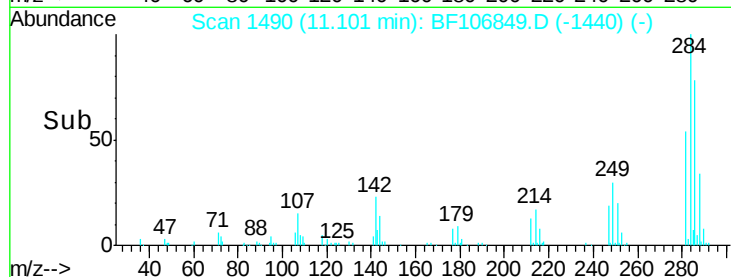
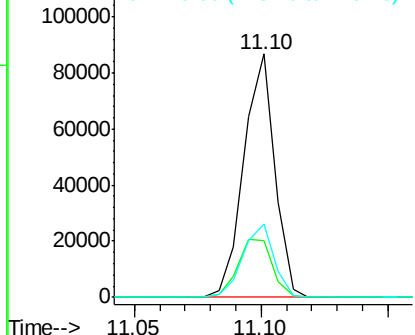
#67
Hexachlorobenzene
Concen: 45.994 ng
RT: 11.10 min Scan# 1490
Delta R.T. -0.01 min
Lab File: BF106849.D
Acq: 27 Jun 2018 3:48

Instrument :
BNA_F
ClientSampleId :
PB110514BSD

Tgt Ion: 284 Resp: 73748
Ion Ratio Lower Upper
284 100
142 23.4 34.6 52.0#
249 30.3 24.8 37.2

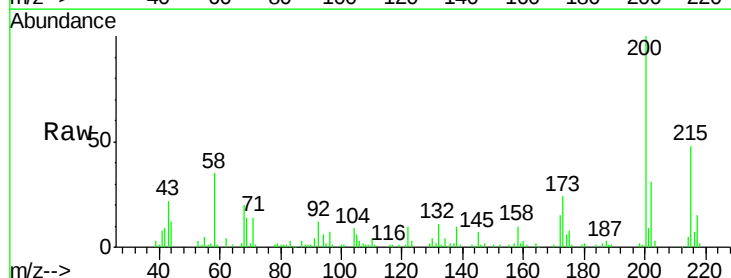


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

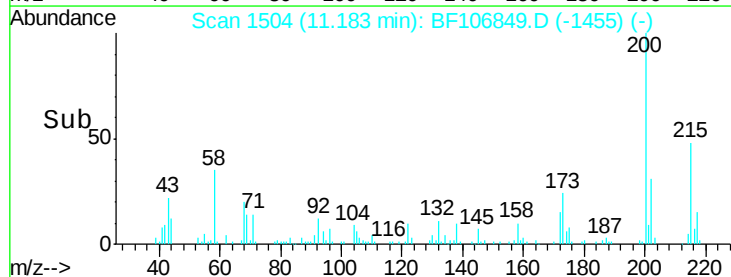
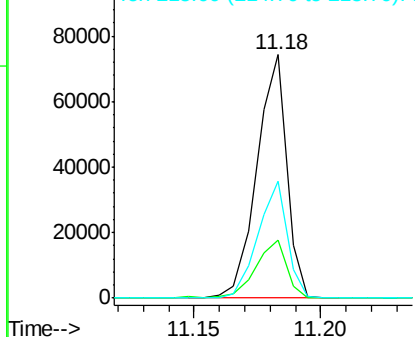


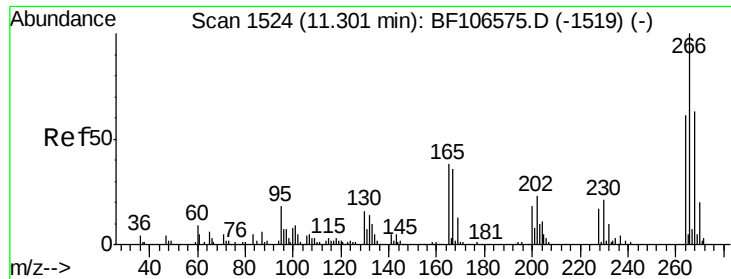
#68
Atrazine
Concen: 44.625 ng
RT: 11.18 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BF106849.D
Acq: 27 Jun 2018 3:48

Tgt Ion: 200 Resp: 61251
Ion Ratio Lower Upper
200 100
173 23.8 8.6 48.6
215 47.9 25.1 65.1



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

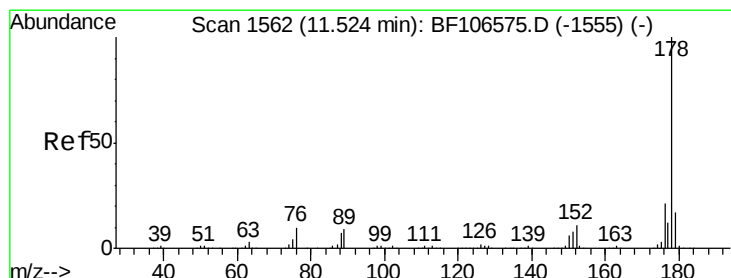
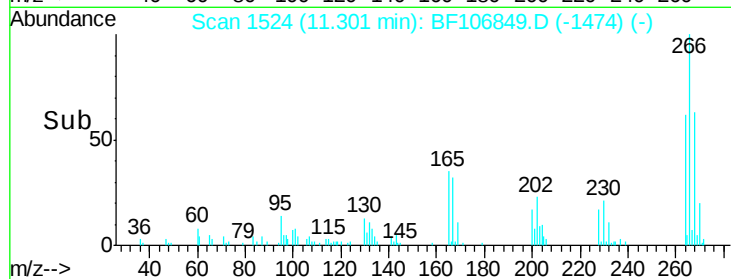
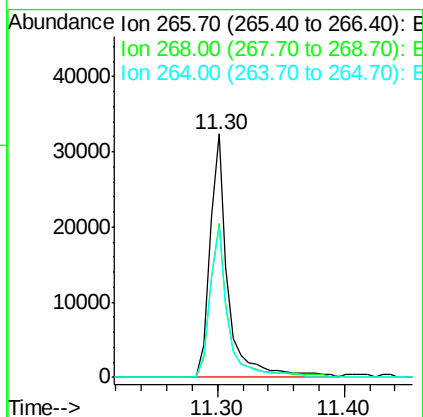
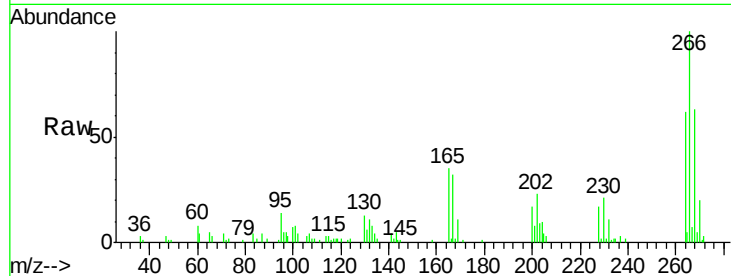




#69
 Pentachlorophenol
 Concen: 40.462 ng
 RT: 11.30 min Scan# 1524
 Delta R.T. -0.01 min
 Lab File: BF106849.D
 Acq: 27 Jun 2018 3:48

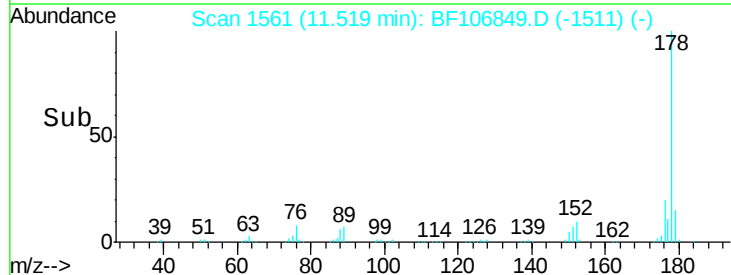
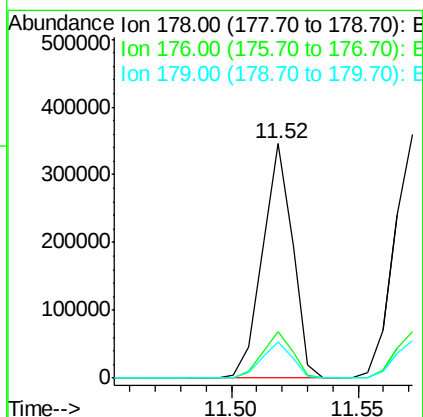
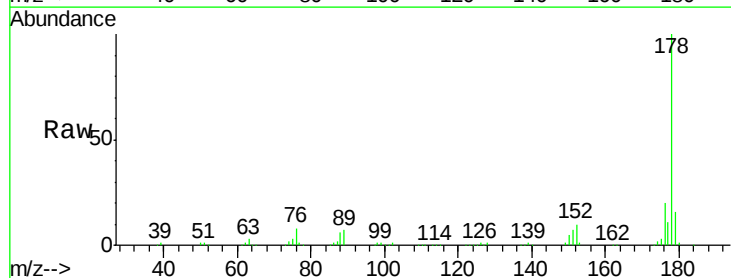
Instrument :
 BNA_F
 ClientSampleId :
 PB110514BSD

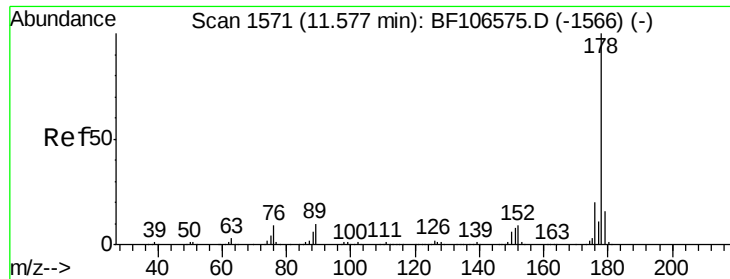
Tgt Ion:266 Resp: 32371
 Ion Ratio Lower Upper
 266 100
 268 63.2 51.1 76.7
 264 61.9 49.5 74.3



#70
 Phenanthrene
 Concen: 46.562 ng
 RT: 11.52 min Scan# 1561
 Delta R.T. -0.01 min
 Lab File: BF106849.D
 Acq: 27 Jun 2018 3:48

Tgt Ion:178 Resp: 288277
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.8 23.8
 179 15.5 13.0 19.6

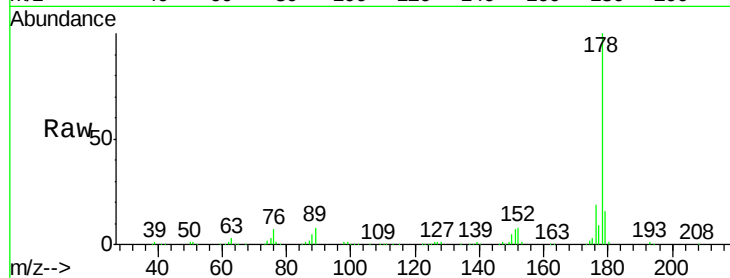




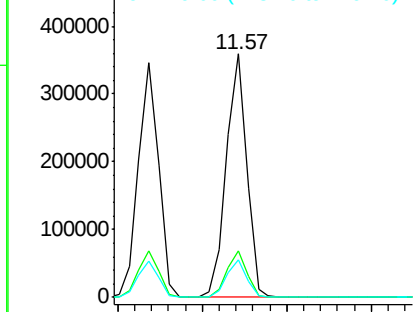
#71
 Anthracene
 Concen: 47.781 ng
 RT: 11.57 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BF106849.D
 Acq: 27 Jun 2018 3:48

Instrument :
 BNA_F
 ClientSampleId :
 PB110514BSD

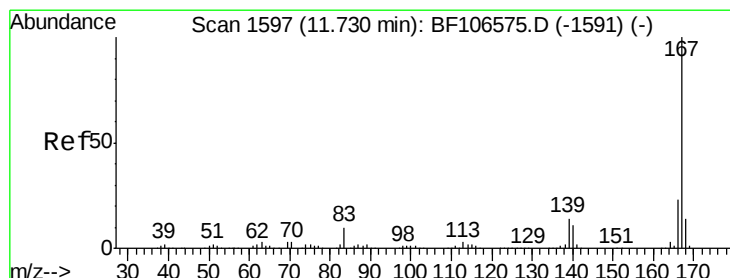
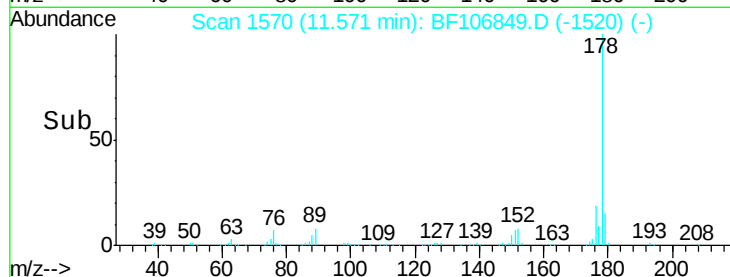
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.5	12.6	19.0



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

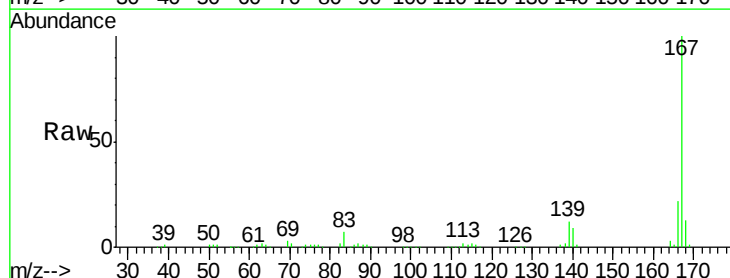


Time--> 11.50 11.55 11.60 11.65

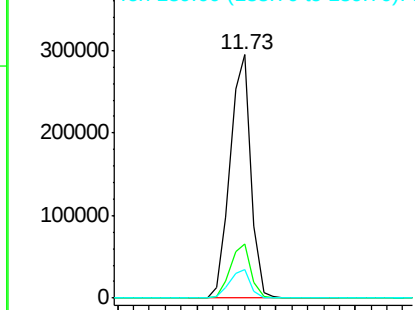


#72
 Carbazole
 Concen: 45.329 ng
 RT: 11.73 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF106849.D
 Acq: 27 Jun 2018 3:48

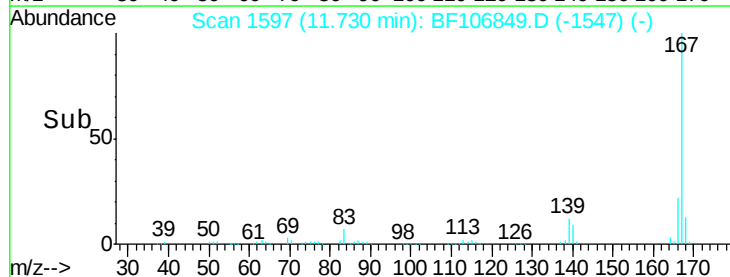
Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.6	26.4
139	11.9	10.9	16.3

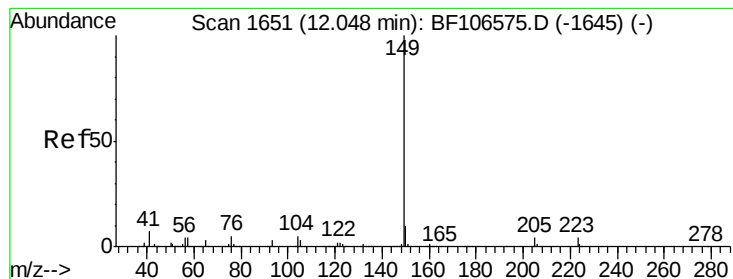


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



Time--> 11.65 11.70 11.75 11.80





#73

Di-n-butylphthalate

Concen: 44.242 ng

RT: 12.04 min Scan# 1649

Delta R.T. -0.01 min

Lab File: BF106849.D

Acq: 27 Jun 2018 3:48

Instrument :

BNA_F

ClientSampleId :

PB110514BSD

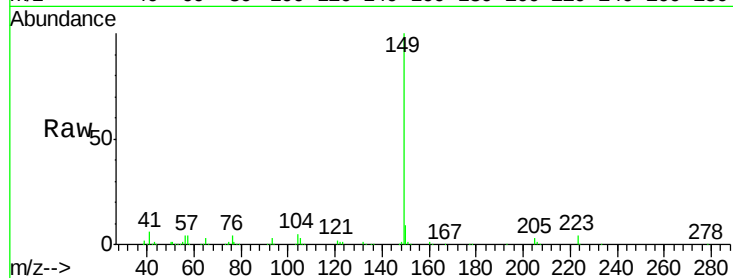
Tgt Ion:149 Resp: 308380

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

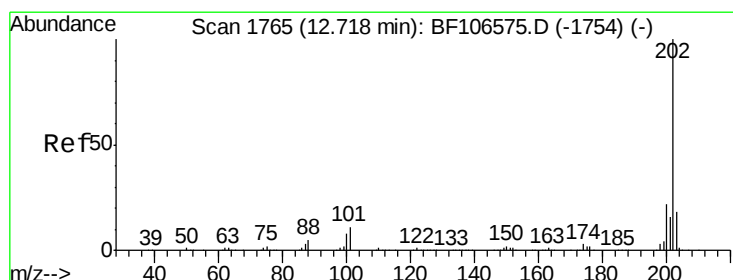
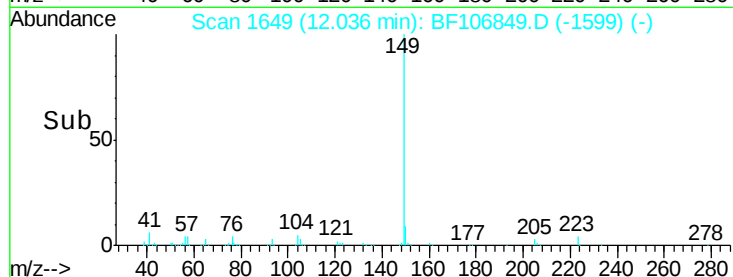
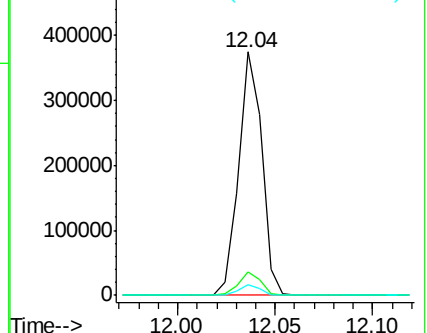
104 4.5 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 49.199 ng

RT: 12.71 min Scan# 1764

Delta R.T. -0.01 min

Lab File: BF106849.D

Acq: 27 Jun 2018 3:48

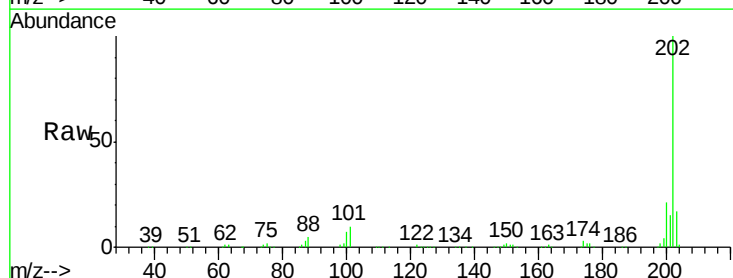
Tgt Ion:202 Resp: 335739

Ion Ratio Lower Upper

202 100

101 9.8 0.0 34.1

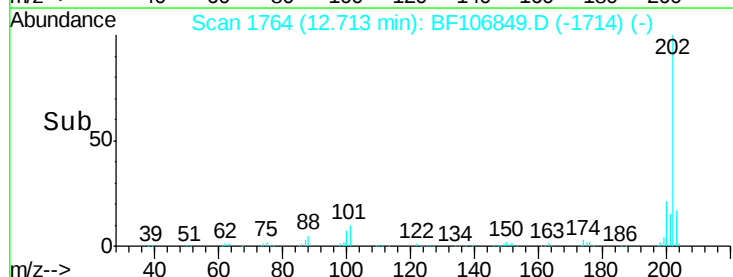
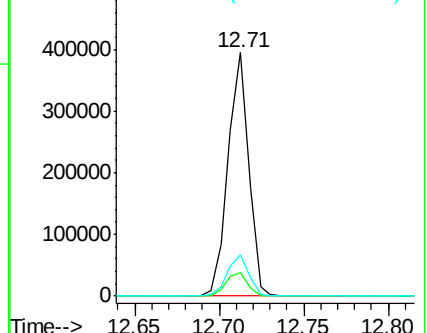
203 17.2 0.0 38.1

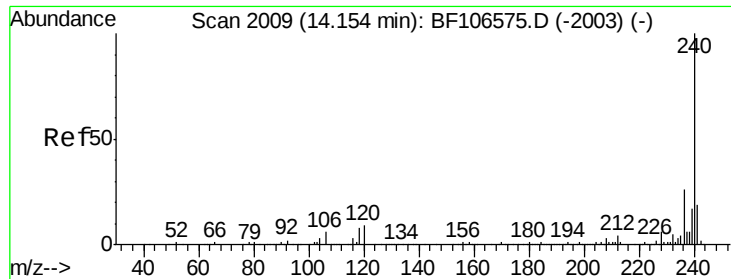


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BF106849.D

Acq: 27 Jun 2018 3:48

Instrument :

BNA_F

ClientSampleId :

PB110514BSD

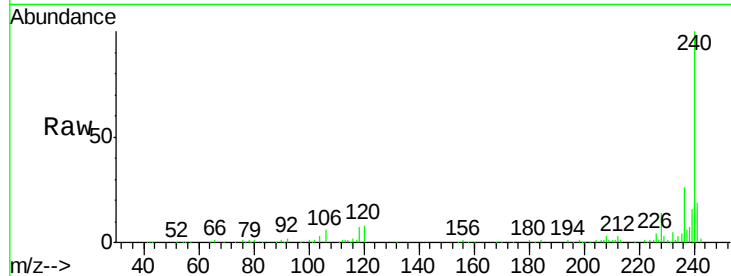
Tgt Ion:240 Resp: 120303

Ion Ratio Lower Upper

240 100

120 8.4 9.5 14.3#

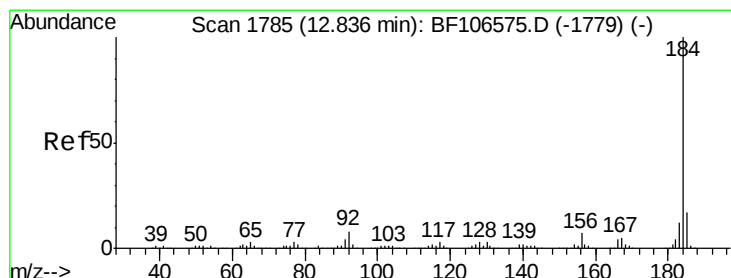
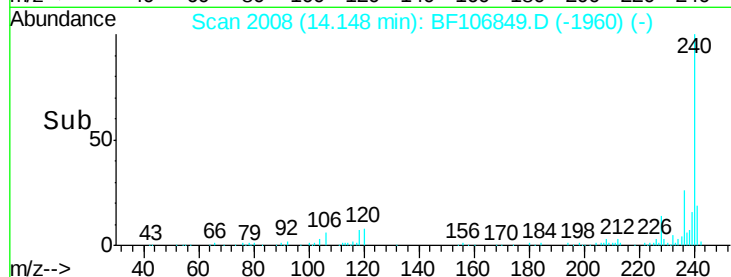
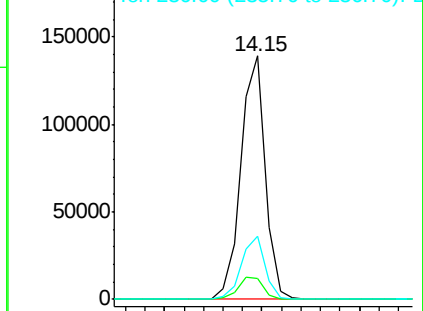
236 25.8 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 33.097 ng

RT: 12.83 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF106849.D

Acq: 27 Jun 2018 3:48

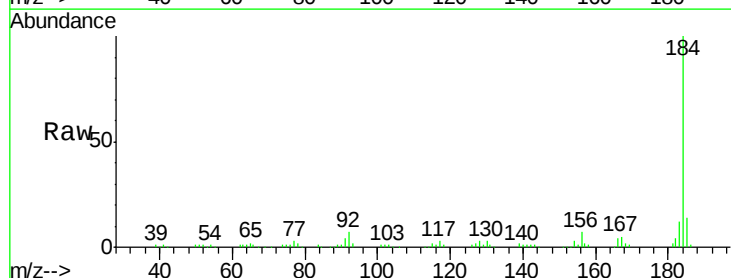
Tgt Ion:184 Resp: 113398

Ion Ratio Lower Upper

184 100

185 13.6 12.6 18.8

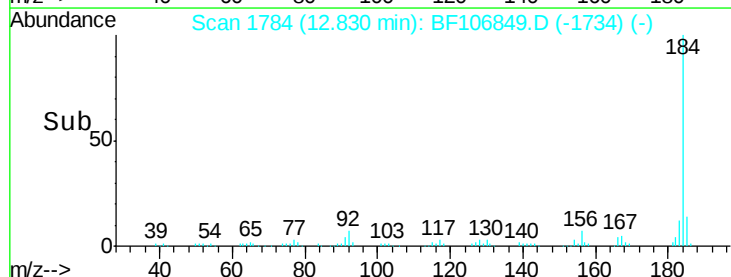
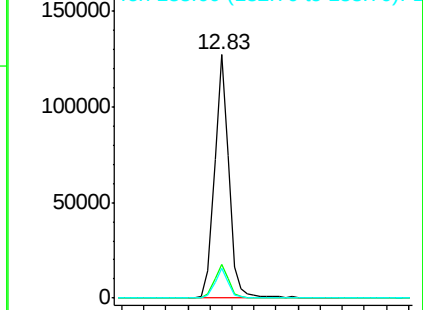
183 12.0 9.3 13.9

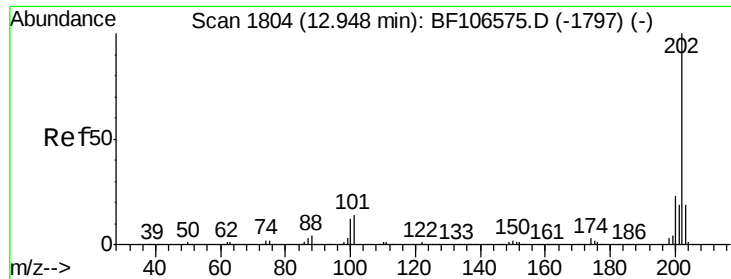


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

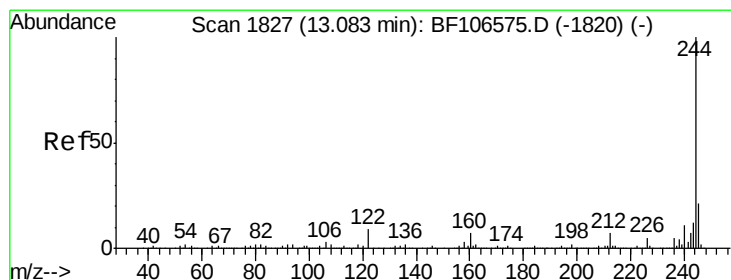
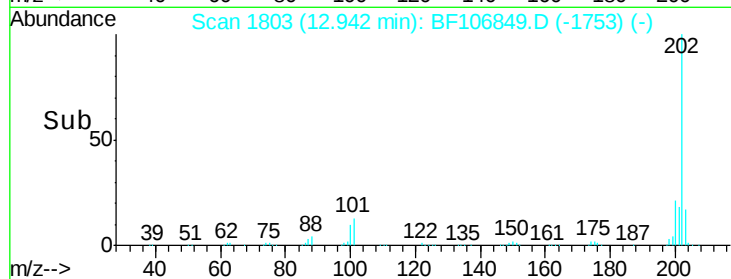
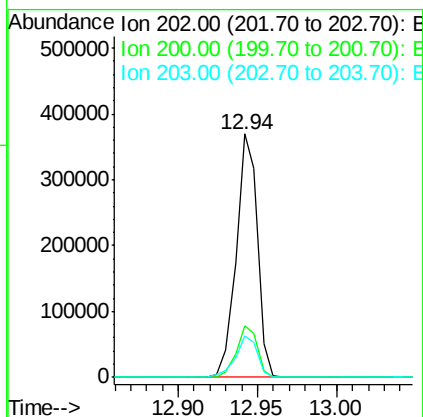
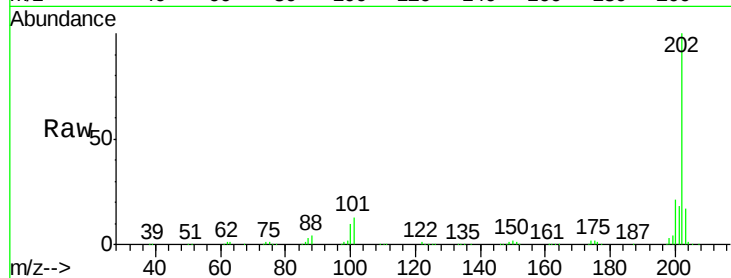




#77
Pyrene
Concen: 42.938 ng
RT: 12.94 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF106849.D
Acq: 27 Jun 2018 3:48

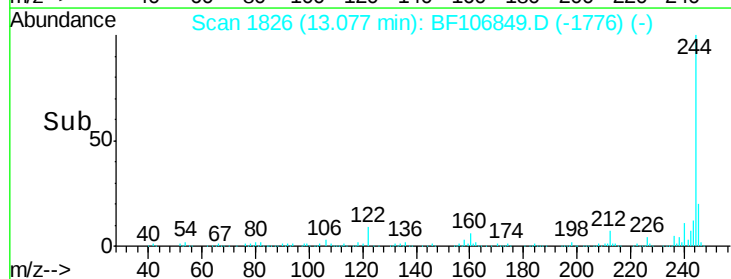
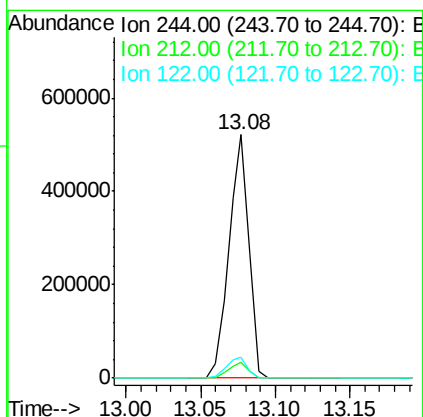
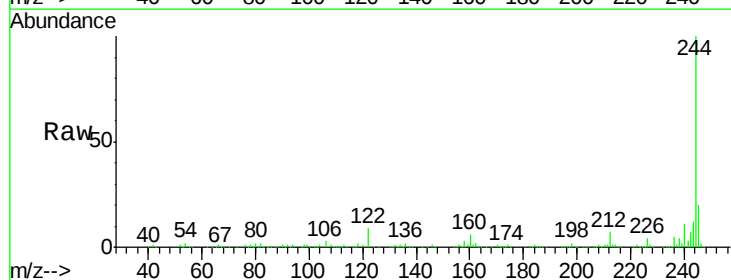
Instrument :
BNA_F
ClientSampleId :
PB110514BSD

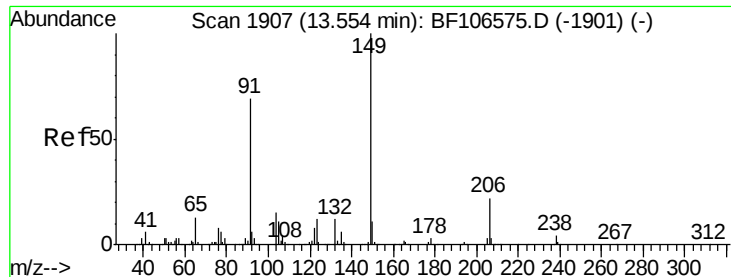
Tgt Ion: 202 Resp: 340631
Ion Ratio Lower Upper
202 100
200 21.4 17.4 26.2
203 17.2 14.3 21.5



#78
Terphenyl-d14
Concen: 98.827 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF106849.D
Acq: 27 Jun 2018 3:48

Tgt Ion: 244 Resp: 490824
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.0
122 8.6 11.0 16.4#

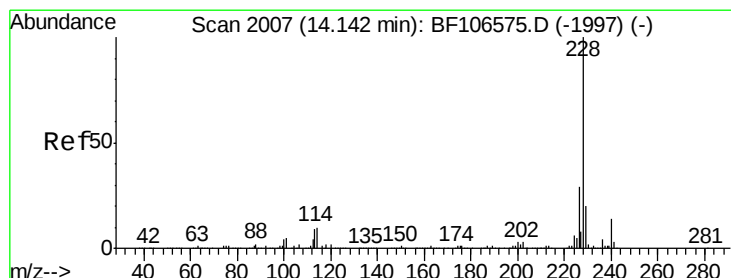
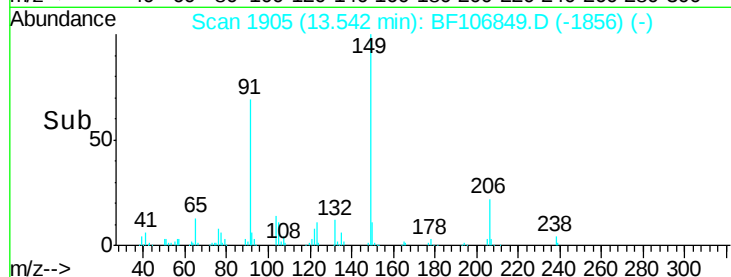
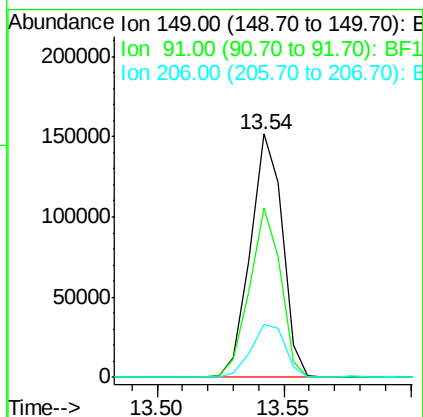
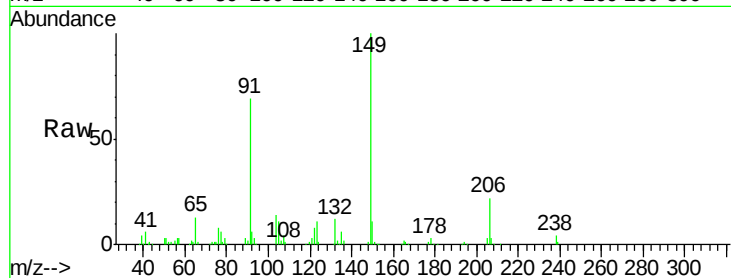




#79
Butylbenzylphthalate
Concen: 41.108 ng
RT: 13.54 min Scan# 1905
Delta R.T. -0.01 min
Lab File: BF106849.D
Acq: 27 Jun 2018 3:48

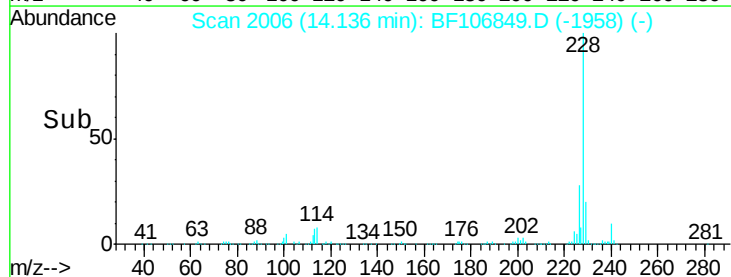
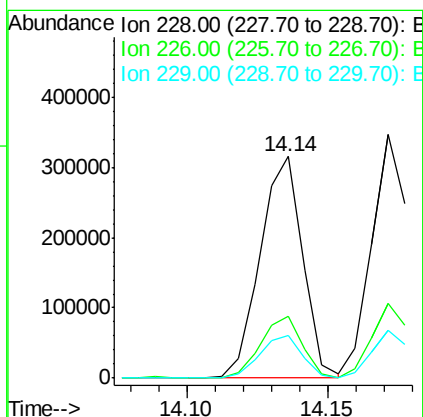
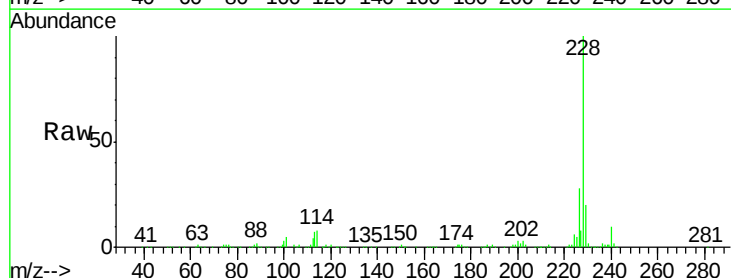
Instrument :
BNA_F
ClientSampleId :
PB110514BSD

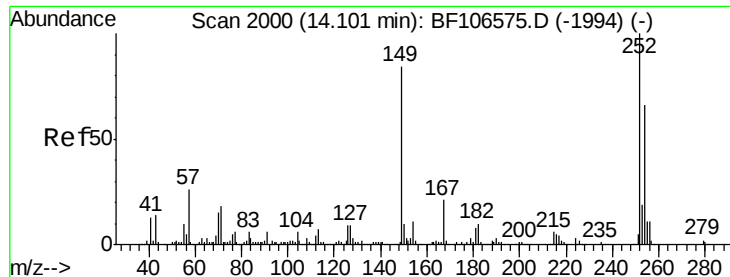
Tgt Ion:149 Resp: 134084
Ion Ratio Lower Upper
149 100
91 69.4 56.8 85.2
206 21.8 14.1 21.1#



#80
Benzo(a)anthracene
Concen: 44.875 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.02 min
Lab File: BF106849.D
Acq: 27 Jun 2018 3:48

Tgt Ion:228 Resp: 329031
Ion Ratio Lower Upper
228 100
226 27.7 22.6 33.8
229 19.5 15.8 23.6

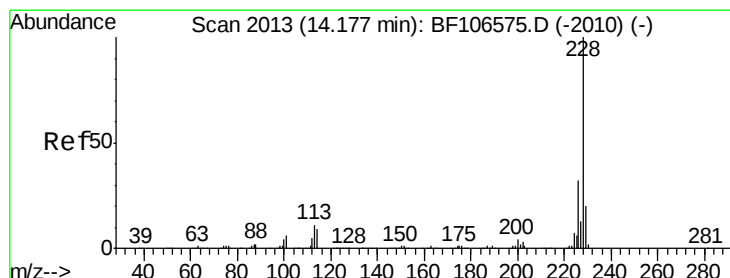
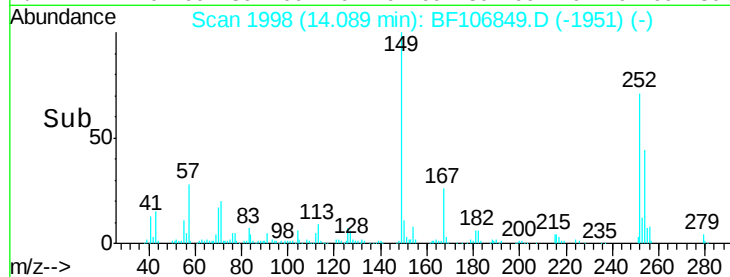
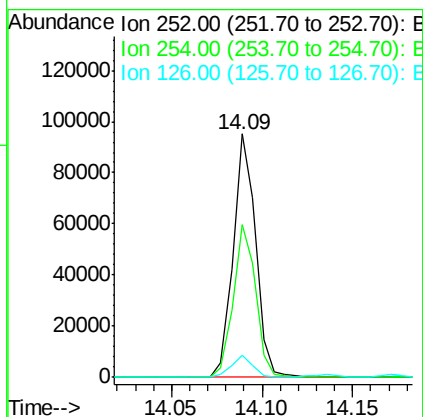
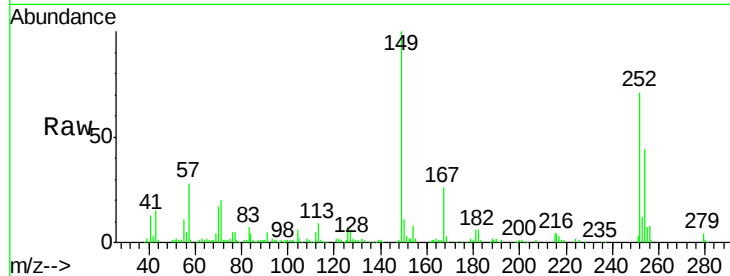




#81
 3,3'-Dichlorobenzidine
 Concen: 31.875 ng
 RT: 14.09 min Scan# 1998
 Delta R.T. -0.02 min
 Lab File: BF106849.D
 Acq: 27 Jun 2018 3:48

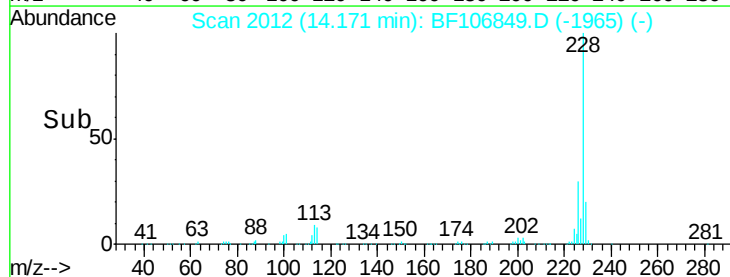
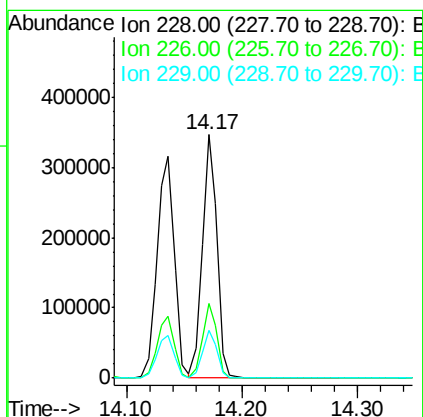
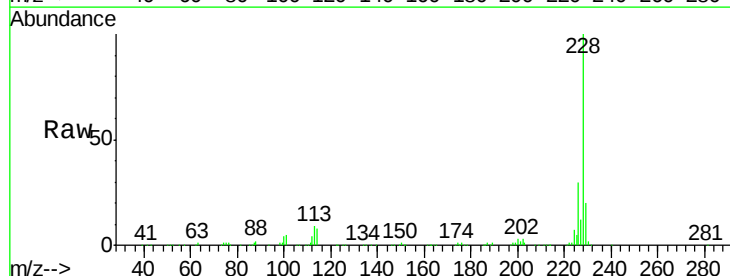
Instrument :
 BNA_F
 ClientSampleId :
 PB110514BSD

Tgt Ion:252 Resp: 82141
 Ion Ratio Lower Upper
 252 100
 254 62.6 50.4 75.6
 126 9.4 11.3 16.9#



#82
 Chrysene
 Concen: 45.794 ng
 RT: 14.17 min Scan# 2012
 Delta R.T. -0.02 min
 Lab File: BF106849.D
 Acq: 27 Jun 2018 3:48

Tgt Ion:228 Resp: 308903
 Ion Ratio Lower Upper
 228 100
 226 30.4 25.0 37.6
 229 19.7 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.565 ng

RT: 14.09 min Scan# 1999

Delta R.T. -0.02 min

Lab File: BF106849.D

Acq: 27 Jun 2018 3:48

Instrument :

BNA_F

ClientSampleId :

PB110514BSD

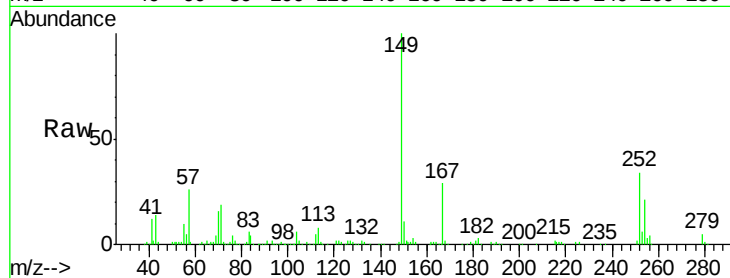
Tgt Ion:149 Resp: 181667

Ion Ratio Lower Upper

149 100

167 28.7 21.3 31.9

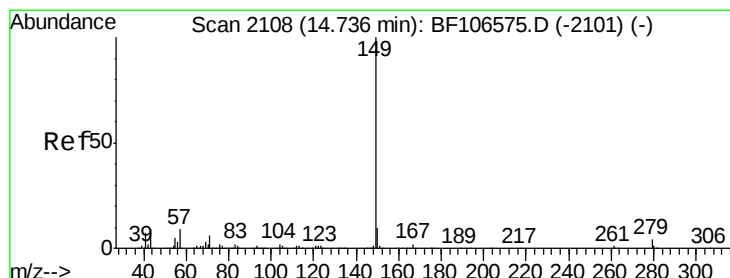
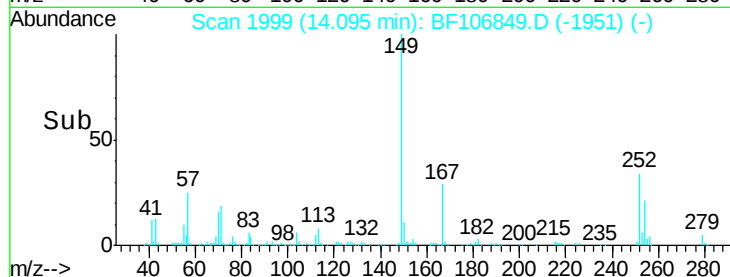
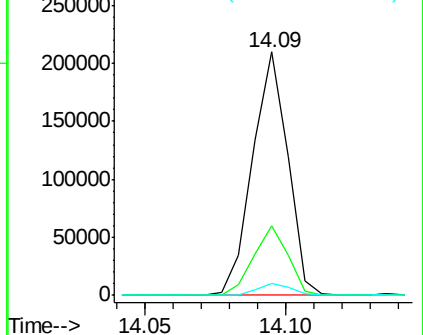
279 4.7 3.0 4.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 47.448 ng

RT: 14.72 min Scan# 2105

Delta R.T. -0.05 min

Lab File: BF106849.D

Acq: 27 Jun 2018 3:48

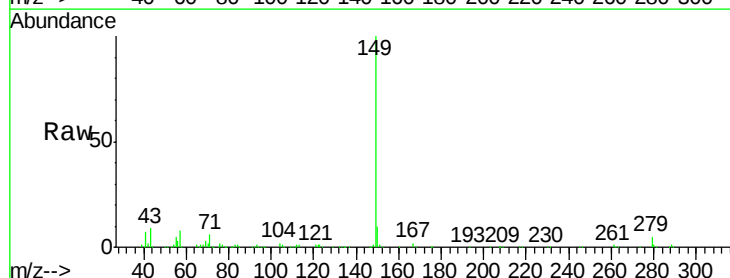
Tgt Ion:149 Resp: 322517

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

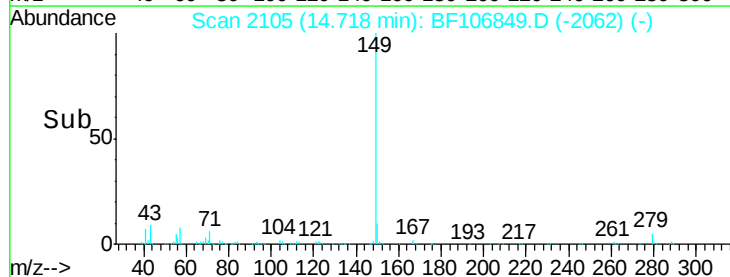
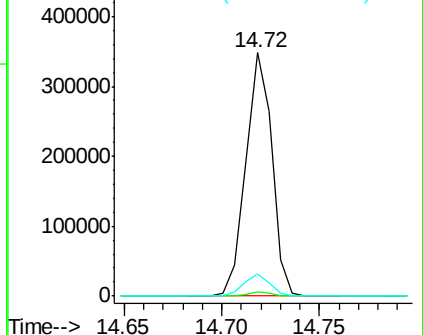
43 8.7 8.4 12.6

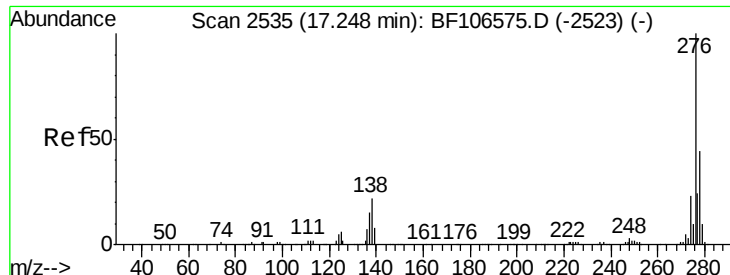


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

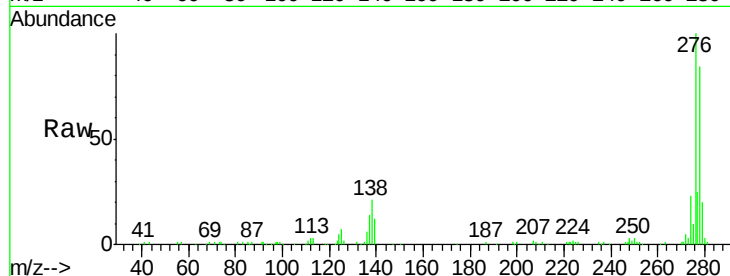




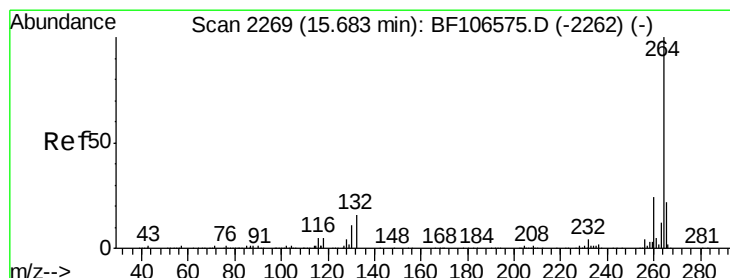
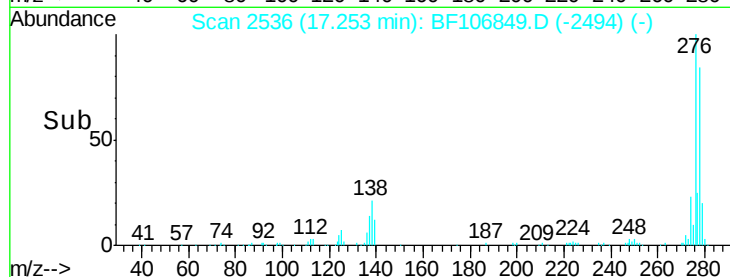
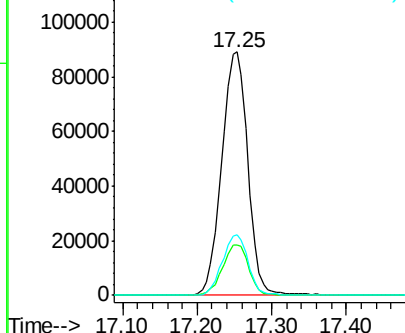
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.857 ng
 RT: 17.25 min Scan# 2536
 Delta R.T. -0.05 min
 Lab File: BF106849.D
 Acq: 27 Jun 2018 3:48

Instrument :
 BNA_F
 ClientSampleId :
 PB110514BSD

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.6	25.0	37.6#
277	24.6	20.1	30.1

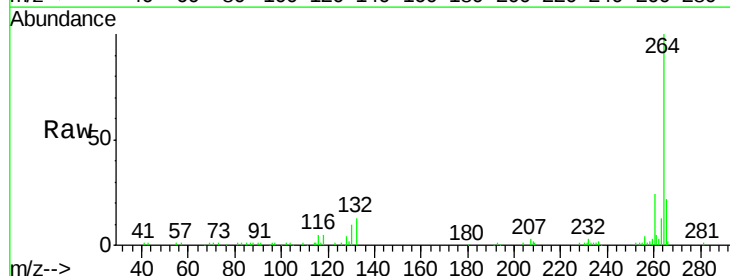


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

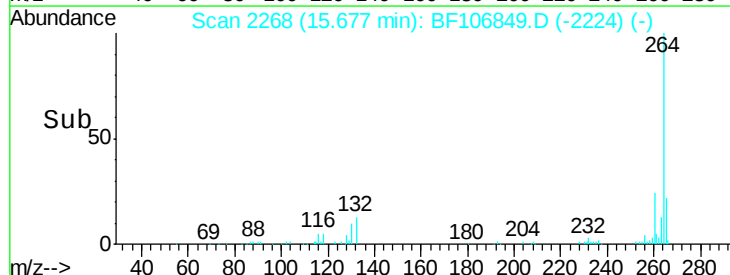
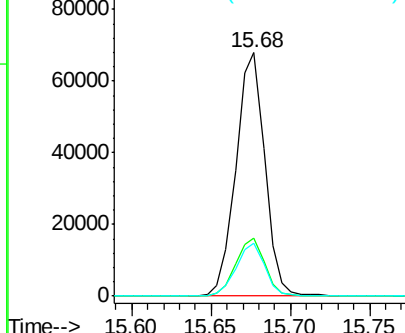


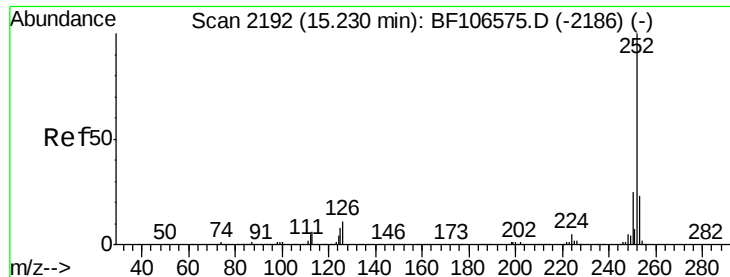
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2268
 Delta R.T. -0.04 min
 Lab File: BF106849.D
 Acq: 27 Jun 2018 3:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.6	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

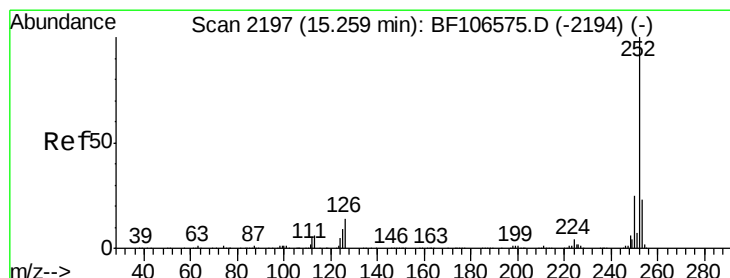
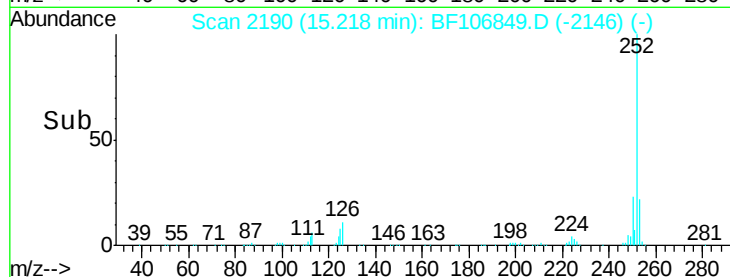
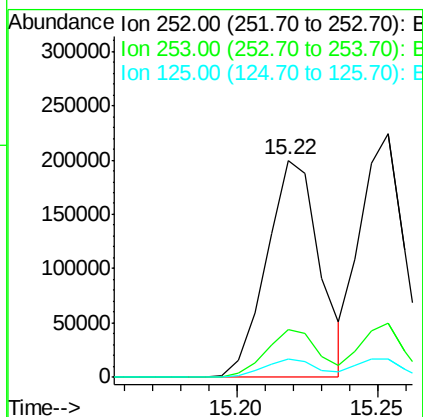
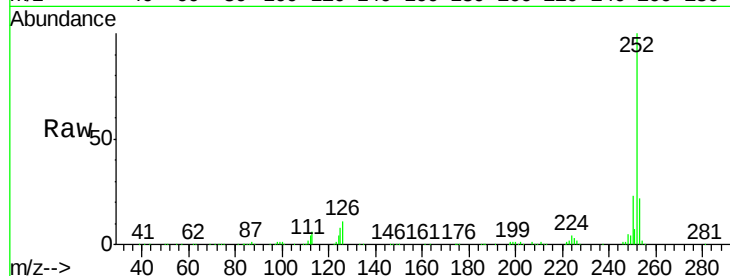




#87
Benzo(b)fluoranthene
Concen: 48.858 ng
RT: 15.22 min Scan# 2190
Delta R.T. -0.04 min
Lab File: BF106849.D
Acq: 27 Jun 2018 3:48

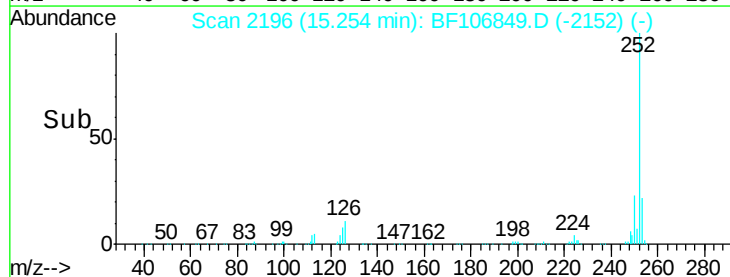
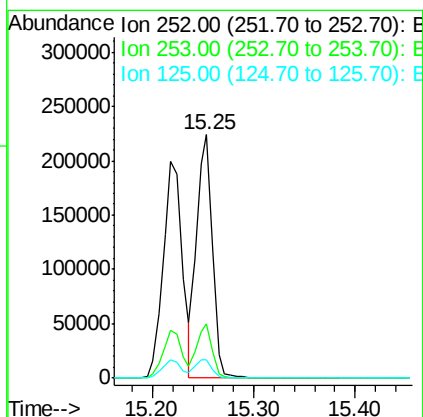
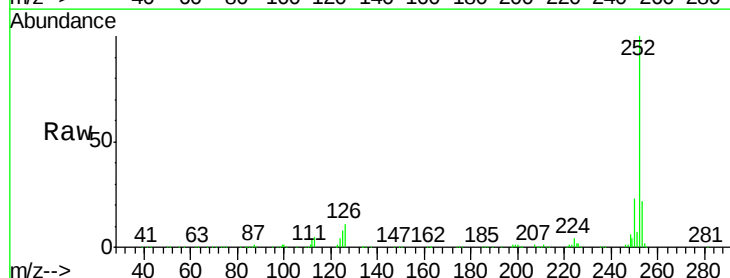
Instrument :
BNA_F
ClientSampleId :
PB110514BSD

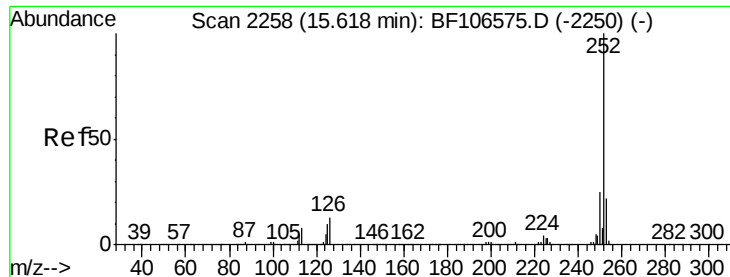
Tgt Ion:252 Resp: 260298
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.6
125 8.4 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 47.804 ng
RT: 15.25 min Scan# 2196
Delta R.T. -0.04 min
Lab File: BF106849.D
Acq: 27 Jun 2018 3:48

Tgt Ion:252 Resp: 242536
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 7.7 10.2 15.2#





#89

Benzo(a)pyrene

Concen: 47.282 ng

RT: 15.61 min Scan# 2257

Delta R.T. -0.04 min

Lab File: BF106849.D

Acq: 27 Jun 2018 3:48

Instrument :

BNA_F

ClientSampleId :

PB110514BSD

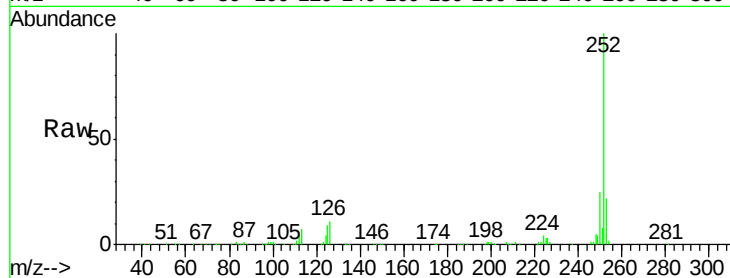
Tgt Ion:252 Resp: 223936

Ion Ratio Lower Upper

252 100

253 21.9 17.1 25.7

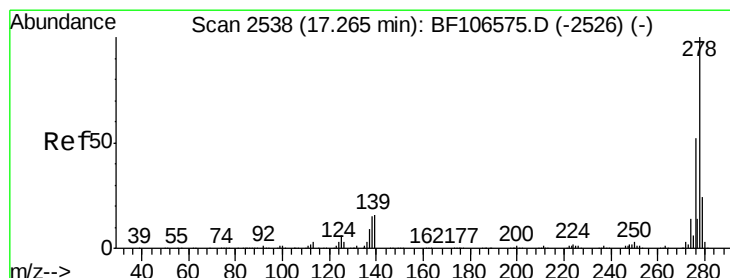
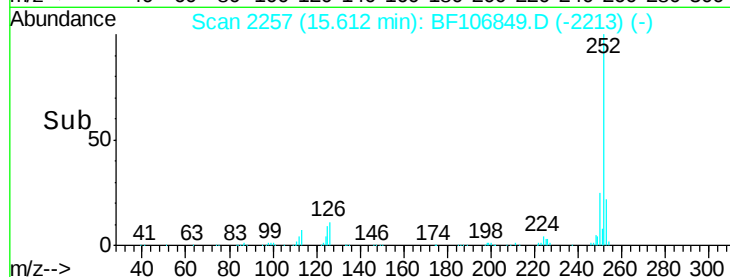
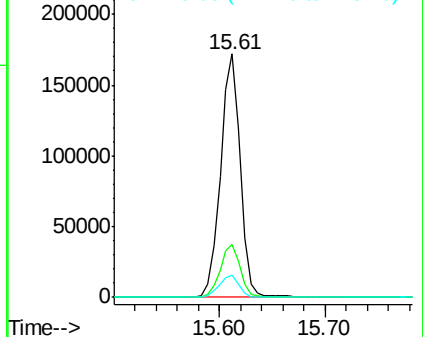
125 9.0 9.8 14.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 45.142 ng

RT: 17.27 min Scan# 2538

Delta R.T. -0.06 min

Lab File: BF106849.D

Acq: 27 Jun 2018 3:48

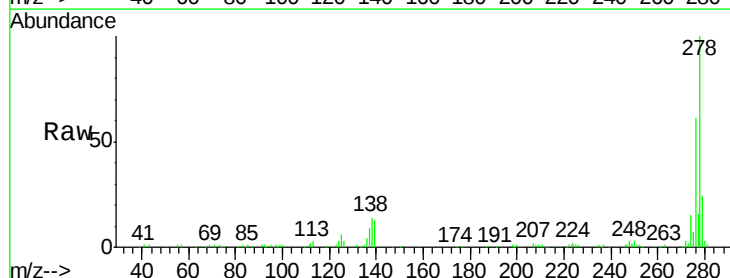
Tgt Ion:278 Resp: 181195

Ion Ratio Lower Upper

278 100

139 13.1 15.9 23.9#

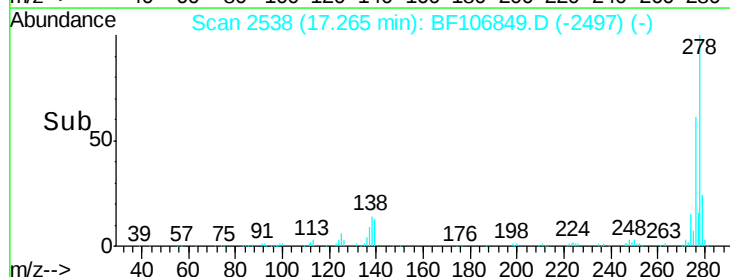
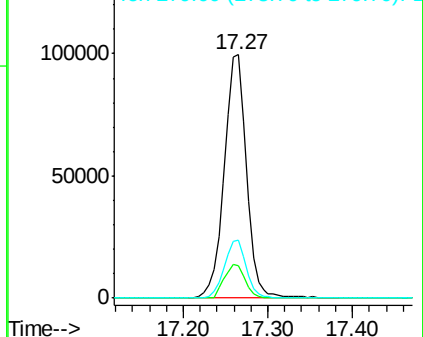
279 23.7 19.0 28.4

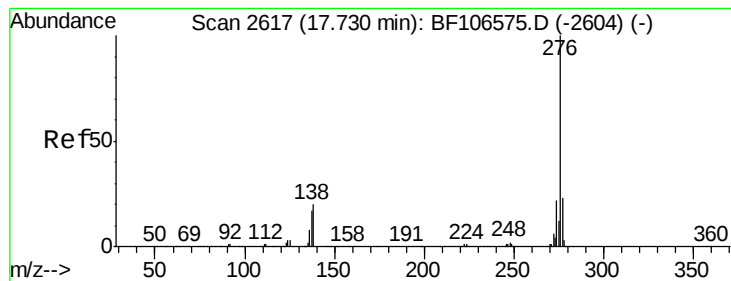


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 45.491 ng

RT: 17.73 min Scan# 2617

Delta R.T. -0.06 min

Lab File: BF106849.D

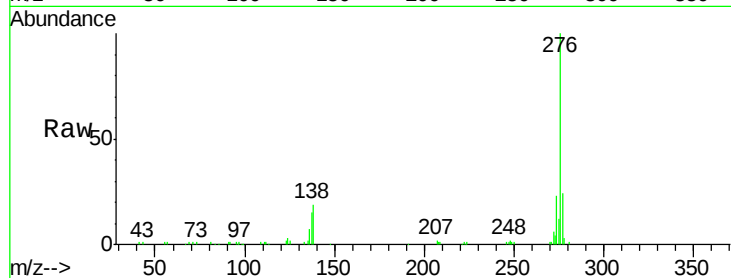
Acq: 27 Jun 2018 3:48

Instrument :

BNA_F

ClientSampleId :

PB110514BSD



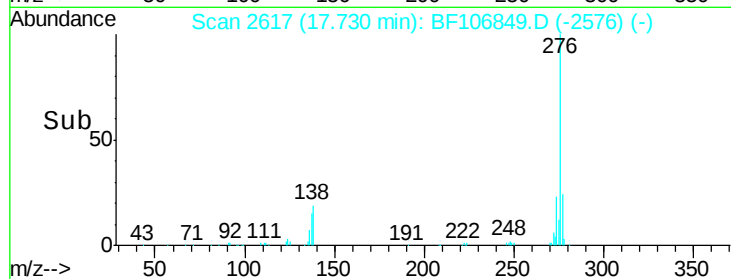
Tgt Ion: 276 Resp: 178470

Ion Ratio Lower Upper

276 100

277 23.8 17.9 26.9

138 18.7 21.8 32.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

